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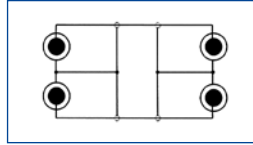


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4 x RCA Plug

straight cord

2 x RCA plug - 2 x RCA plug
2 x 0.14 mm² shielded



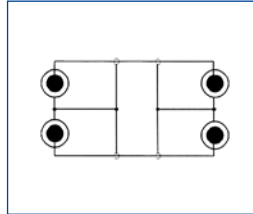
Item:	Length:	≥ 1	≥ 50	≥ 100
A1005	0.5 m	0,28	0,26	0,25
A1015	1.5 m	0,32	0,29	0,28
A1025	2.5 m	0,40	0,37	0,35
A1050	5.0 m	0,61	0,56	0,53
A1100	10.0 m	0,96	0,87	0,84

4 x RCA Plug, gold plated

straight cord

2 x RCA plug - 2 x RCA plug
2 x 0.14 mm² shielded

Gold
plated

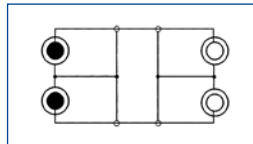


Item:	Length:	≥ 1	≥ 50	≥ 100
A1005G	0.5 m	3,17	3,08	2,94
A1015G	1.5 m	2,19	2,13	2,03
A1025G	2.5 m	2,91	2,82	2,70
A1050G	5.0 m	3,30	3,20	3,06
A1100G	10.0 m	4,33	4,20	4,02

2 x RCA Plug - 2 x RCA Jack

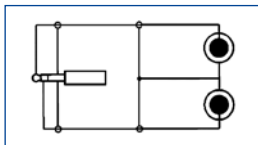
straight cord

2 x RCA plug - 2 x RCA jack
2 x 0.14 mm² shielded



Item:	Length:	≥ 1	≥ 50	≥ 100
A2025	2.5 m	0,57	0,55	0,52
A2050	5.0 m	0,64	0,62	0,59
A2100	10.0 m	1,00	0,97	0,93

2 x RCA - Stereo 3.5 mm

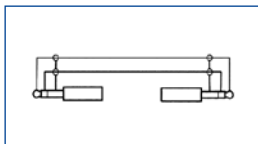


straight cord

2 x RCA plug - 1 x 3.5 mm stereo plug
2 x 0.14 mm² shielded

Item:	Length:	≥ 1	≥ 50	≥ 100
A3015	1.5 m	0,39	0,36	0,34
A3030	3.0 m	0,49	0,45	0,43
A3050	5.0 m	0,66	0,60	0,58
A3100	10.0 m	1,17	1,07	1,03

Stereo Plug 3.5 mm

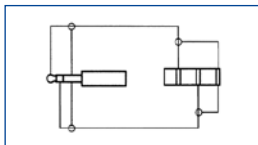


straight cord

1 x 3.5 mm stereo plug - 1 x 3.5 mm stereo plug
2 x 0.14 mm² shielded

Item:	Length:	≥ 1	≥ 50	≥ 100
A4015	1.5 m	0,29	0,26	0,25
A4020	2.0 m	0,35	0,32	0,31
A4030	3.0 m	0,40	0,36	0,35
A4050	5.0 m	0,58	0,53	0,51

Stereo Plug / Jack 3.5 mm

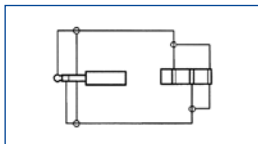


straight cord

1 x 3.5 mm stereo plug - 1 x 3.5 mm stereo jack
2 x 0.14 mm² shielded

Item:	Length:	≥ 1	≥ 50	≥ 100
A5010	1.0 m	0,31	0,28	0,27
A5015	1.5 m	0,37	0,34	0,33
A5025	2.5 m	0,42	0,38	0,36
A5030	3.0 m	0,45	0,41	0,39
A5050	5.0 m	0,60	0,54	0,52

Coil Cord, Stereo Plug / Jack 3.5 mm



coil cord

1 x 3.5 mm stereo plug - 1 x 3.5 mm stereo jack
2 x 0.14 mm² shielded

Item:	Length expanded:	≥ 1	≥ 50	≥ 100
A5030S	3.0 m	0,98	0,88	0,84

TOSLINK

optical transmission for high-end audio devices e.g. DAT-recorders, CD-players, mini-discs, DVD, digital surround systems etc.



TL51



TL21



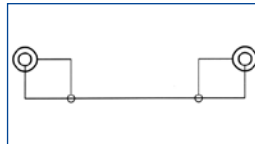
TL2315

Item:	Description:	connector:	Length:	≥ 1	≥ 10	≥ 50
TL21	Cable Ø 2.2 mm	TOSLINK / TOSLINK	1.0 m	1,11	1,01	0,97
TL212	Cable Ø 2.2 mm	TOSLINK / TOSLINK	2.0 m	1,41	1,29	1,23
TL213	Cable Ø 2.2 mm	TOSLINK / TOSLINK	3.0 m	1,70	1,55	1,49
TL215	Cable Ø 2.2 mm	TOSLINK / TOSLINK	5.0 m	2,33	2,12	2,04
TL51	Cable Ø 5.5 mm	TOSLINK / TOSLINK	1.0 m	1,85	1,69	1,62
TL512	Cable Ø 5.5 mm	TOSLINK / TOSLINK	2.0 m	2,40	2,19	2,10
TL513	Cable Ø 5.5 mm	TOSLINK / TOSLINK	3.0 m	2,98	2,71	2,60
TL515	Cable Ø 5.5 mm	TOSLINK / TOSLINK	5.0 m	4,08	3,72	3,57
TL2315	Cable Ø 2.2 mm	TOSLINK / 3.5 mm plug	1.5 m	1,00	0,91	0,87
TL2320	Cable Ø 2.2 mm	TOSLINK / 3.5 mm plug	2.0 m	1,10	1,00	0,96

Audio
Adaptors

RCA

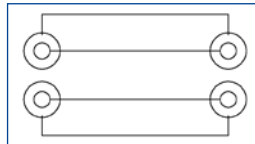
RCA jack - RCA jack



Item:	≥ 1	≥ 50	≥ 100
AAD1001	0,078	0,071	0,069

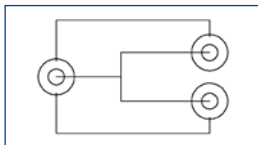
RCA Jack - RCA Jack

2 RCA jacks - 2 RCA jacks



Item:	≥ 1	≥ 50	≥ 100
AAD1010	0,152	0,132	0,124

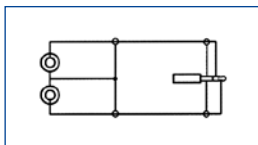
RCA Plug - RCA Jack



RCA plug - 2 RCA jacks

Item:	≥ 1	≥ 50	≥ 100
AAD1009	0,150	0,138	0,132

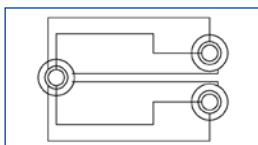
Stereo Plug - 2 x RCA Jack



3.5mm stereo plug - 2 RCA jacks

Item:	≥ 1	≥ 50	≥ 100
AAD1006	0,143	0,131	0,126

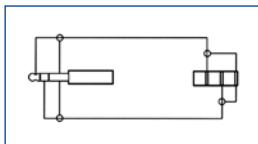
Stereo Plug 3.5mm / Jack 3.5mm



3.5mm stereo plug - 2 3.5mm stereo jacks

Item:	≥ 1	≥ 50	≥ 100
AAD1013	0,138	0,120	0,112

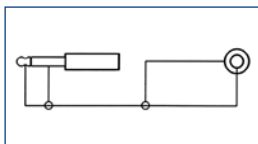
Stereo 6.3mm / 3.5mm, stereo



6.3mm stereo plug - 3.5mm stereo jack

Item:	≥ 1	≥ 50	≥ 100
AAD1004	0,145	0,133	0,128

Mono 6.3 mm / RCA Jack

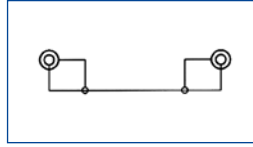


6.3mm mono plug - RCA jack

Item:	≥ 1	≥ 50	≥ 100
AAD1003	0,142	0,124	0,115

RCA / Mono

RCA plug - 6.3mm mono jack



Item:	≥ 1	≥ 50	≥ 100
AAD1005	0,232	0,213	0,204

TOSLINK



TLCI



CITL



TL2Y



TLA3

Item:	Description:	connector:	≥ 1	≥ 5	≥ 10
TLA3	adaptor	TOSLINK jack / 3.5 mm plug	0,29	0,27	0,26
TL2Y	splitter	TOSLINK jack / 2 x TOSLINK jack	3,03	2,76	2,64
CITL	converter incl. power supply	RCA jack → TOSLINK jack	9,02	8,22	7,88
TLCI	converter incl. power supply	TOSLINK jack → RCA jack	9,02	8,22	7,88

Video
Scart Cables

Type U

2 SCART plugs, 21pin, fully connected, shielded audio and video conductors



Item:	Length:	≥ 1	≥ 10	≥ 25
SK20U	1.5 m	0,89	0,81	0,78

High Quality

★★★★
High
Quality

Coax



2 SCART plugs, high quality, for audio and video applications, coax conductors
4 x 0.14mm² shielded (audio)
6 x 75Ω RG 69 (video)

Item:	Length:	Description:	≥ 1	≥ 10	≥ 25
SK20HQ	1.5 m		2,07	1,90	1,82
SK20HQG	2.0 m	gold-plated Contacts	2,44	2,23	2,15
SK20HQ5	5.0 m		3,89	3,57	3,43
SK20HQ10	10.0 m		7,50	6,87	6,60

High Quality, transparent

★★★★
High
QualityGold
plated

SCART plug - SCART plug (21pin), transparent cable with gold-plated connectors and contacts
4 x 0.14mm² shielded (audio)
6 x 75Ω RG 69 (video)

Item:	Length:	≥ 1	≥ 10	≥ 25
SK20HQT1,0	1.0 m	4,74	4,34	4,17
SK20HQT	2.0 m	5,49	5,03	4,84
SK20HQT3	3.0 m	6,48	5,94	5,71
SK20HQT5	5.0 m	9,00	8,25	7,93
SK20HQT10	10.0 m	13,45	12,33	11,85
SK20HQT15	15.0 m	17,93	16,44	15,90

Y-Cable



SCART plug - 2 SCART jacks (21pin)
9 x 30 AWG

Item:	Length:	≥ 1	≥ 10	≥ 25
SK25U	0.2 m	1,12	1,03	0,99

Distributor

fully connected for the use of 3 to 5 devices with one present unit. All SCART jacks connected in parallel.



SV5



SV3

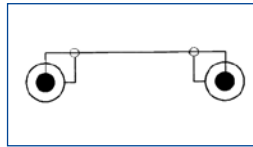
Item:	Description:	Length:	≥ 1	≥ 10	≥ 25
SV3	3 jacks	0.5 m	1,22	1,12	1,07
SV5	5 jacks	0.5 m	1,54	1,41	1,35

Video
Composite Video Cables

RCA Plug

RCA plug - RCA plug
75Ω RG 59 (video)

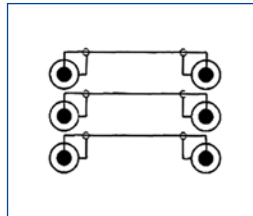
Coax



Item:	Length:	≥ 1	≥ 10	≥ 25
AV1015	1.5 m	0,35	0,31	0,29
AV1020	2.0 m	0,57	0,50	0,47
AV1030	3.0 m	0,73	0,64	0,60
AV1050	5.0 m	1,17	1,03	0,97
AV1100	10.0 m	1,60	1,41	1,32

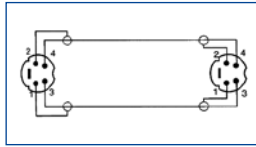
3 x RCA Plug

3 RCA plugs - 3 RCA plugs
2 x 0.14mm² shielded (audio)
1 x 75Ω RG 59 (video)



Item:	Length:	Description:	≥ 1	≥ 10	≥ 25
AV3020	2.0 m		1,32	1,21	1,16
AV3020G	2.0 m	gold plated	1,39	1,22	1,14
AV3050G	5.0 m	gold plated	2,34	2,06	1,93
AV3100G	10.0 m	gold plated	3,73	3,28	3,07

Mini-DIN



4pin S-Video plug - 4pin S-Video plug
2 x 75Ω RG 59 geschirmt (video)

Item:	Length:	≥ 1	≥ 10	≥ 25
SVHSK	1.5 m	0,59	0,52	0,49
SVHSK3	3.0 m	1,02	0,94	0,90
SVHSK5	5.0 m	1,79	1,58	1,49
SVHSK10	10.0 m	2,38	2,11	1,98

Video

Coaxial Cables

BNC, Plug / Plug



RG 58 / 50 Ω BNC plug - BNC plug

Item:	Length:	≥ 1	≥ 10	≥ 50
RG58MM2	2.0 m	1,25	1,20	1,16
RG58MM3	3.0 m	1,40	1,35	1,30
RG58MM5	5.0 m	1,64	1,58	1,53
RG58MM10	10.0 m	2,67	2,58	2,49
RG58MM15	15.0 m	3,96	3,83	3,70
RG58MM25	25.0 m	4,49	4,34	4,19

Information

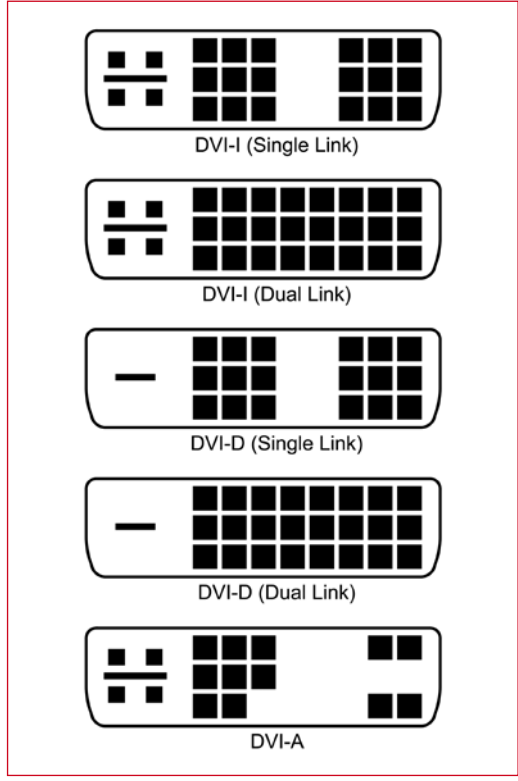
DVI Cables

Information on DVI:

DVI (Digital Visual Interface) will supersede the previous digital connection standards DFP (Digital Flat Panel) and P&D (Plug & Display) in the long run. Particularly in connection with LCD flat screens this interface becomes more and more important. DVI interface allows for a resolution of up to 2048x1536 (QXGA). According to the display's requirements, DVI features mere digital or combined analogue/digital connections.

Specifications:

- ▶ EMI/RFI shielding in a piece, thus considerably reducing signal distorting interferences.
- ▶ Insulation resistance increased by up to 25%
- ▶ No soldering. The applied connector design does not require 360°C soldering, thus eliminating the risks of human failure during production as well as the cracking of soldering joints and the resulting loose contacts. As there is no need for flux materials, there is no negative impact on the environment.
- ▶ Transmissions are reliable at a maximum distance of 10 m (5 m in connection with some Silicon Graphics cards). Repeaters and boosters allow for the extension of the transmission distance.



analog

DVI analogue plug - VGA 15 pin D-SUB HD plug, both moulded, with knurled screws

Molex ref.-no.: 88741-83xx



Item:	Length:	≥ 1	≥ 5	≥ 10
DKA1,8	1.8 m	4,89	4,29	4,08
DKA3	3.0 m	6,83	5,99	5,70

digital, single link



DVI digital plug - DVI digital plug, both moulded

Molex ref.-no.: 88741-80xx



Item:	Length:	≥ 1	≥ 5	≥ 10
DKD1,8	1.8 m	4,84	4,25	4,04
DKD3	3.0 m	6,27	5,50	5,23
DKD5	5.0 m	9,04	7,93	7,54

digital, dual link



DVI digital plug - DVI digital plug, both moulded

Molex ref.-no.: 88741-81xx



Item:	Length:	≥ 1	≥ 5	≥ 10
DKDD1,8	1.8 m	6,16	5,41	5,14
DKDD3	3.0 m	7,99	7,01	6,66
DKDD5	5.0 m	11,50	10,09	9,59

analog/digital, dual link



DVI analogue/digital plug - DVI analogue/digital plug,
both moulded, for analogue and digital transmissions



Item:	Length:	≥ 1	≥ 5	≥ 10
DKDAD1,8	1.8 m	7,90	6,93	6,59
DKDAD3	3.0 m	10,78	9,46	8,99

Extension, digital, single link

DVI digital plug - DVI digital jack, both moulded



Item:	Length:	≥ 1	≥ 5	≥ 10
DVKD1,8	1.8 m	6,06	5,31	5,05
DVKD5	5.0 m	10,51	9,22	8,77

Video
HDMI Cables

Information

HDMI Cables

HDMI enhances the DVI standard, thus providing following features:

- ▶ Just one integrated cable with 19 pin miniature plugs allows for the bi-directional transmission of all audio and video data
- ▶ With no data compression, HDMI avoids inherent quality losses.
- ▶ Just like DVI, HDMI operates fully digital, thus preventing lossy digital-to-analogue-to-digital conversions.
- ▶ With a bandwidth of 5 Gbps, HDMI twice exceeds the presently highest HDTV requirements of 2.2 Gbps
- ▶ HDMI cables also carry signals of remote controls, thus enabling control of all interconnected devices by just one IR channel
- ▶ Being 100% downward compatible with the DVI standard, HDMI allows for lossless transmission of DVI signals via HDMI-DVI adaptor cables. Vice versa, obviously just a subset of HDMI data may be transferred through a DVI interface.

Thanks to all these advantages and fully supported by the film industry as well as considerable manufacturers of consumer electronics, HDMI will most definitely become accepted as main standard in home entertainment.



HDMI - HDMI

HDMI
HIGH SPEED

Full HD
1080p

Connector cable: HDMI plug - HDMI plug

- ▶ High Speed HDMI cable



Up to 10 m length, HDMI cables consist of AWG28 stranded wires. To ensure best audio and video quality, longer cables are made from AWG24 stranded wires of high purity copper, thus meeting the demanding requirements of high-value hi-fi systems even at longer transmission paths.

Item:	Length:	Strands:	≥ 1	≥ 5	≥ 10
HDMI1	1.0 m	AWG28	2,24	1,97	1,83
HDMI2	2.0 m	AWG28	3,11	2,73	2,54
HDMI3	3.0 m	AWG28	3,93	3,45	3,21
HDMI5	5.0 m	AWG28	5,67	4,98	4,64
HDMI10	10.0 m	AWG28	8,76	7,70	7,17
HDMI15	15.0 m	AWG24	32,79	29,67	28,11
HDMI20	20.0 m	AWG24	45,68	41,33	39,16
HDMI30	30.0 m	AWG24	54,16	49,01	46,43

HDMI - HDMI, with Ethernet

NEW

HDMI
HIGH SPEED
with ETHERNET

Full HD
1080p

Connector cable: HDMI plug - HDMI plug

- ▶ High Speed HDMI cable with Ethernet
- ▶ AWG28 copper wire



Item:	Length:	Strands:	≥ 1	≥ 5	≥ 10
HDMI41	1.0 m		3,41	3,00	2,79
HDMI42	2.0 m		4,57	4,01	3,74
HDMI43	3.0 m		5,51	4,84	4,51

HDMI - DVI

Adaptor cable: HDMI plug - DVI plug

- ▶ High Speed HDMI cable

Full HD
1080p



Item:	Length:	≥ 1	≥ 5	≥ 10
HDMID1	1.0 m	3,19	2,89	2,73
HDMID2	2.0 m	4,34	3,93	3,72
HDMID3	3.0 m	4,88	4,42	4,19
HDMID5	5.0 m	6,49	5,87	5,56
HDMID10	10.0 m	10,52	9,51	9,01

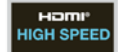
HDMI - HDMI, High Quality

- ▶ High-value 2-component mould
- ▶ PVC sheath with plastic meshwork to prevent mechanical damage
- ▶ Oxygen-deficient copper ensures best video quality, even at longer distances
- ▶ High Speed HDMI cable

Full HD
1080p

Gold
plated

★★★★
High
Quality



Item:	Length:	≥ 1	≥ 5	≥ 10
HDMI1HQ	1.0 m	6,51	5,74	5,27
HDMI2HQ	2.0 m	7,13	6,29	5,77
HDMI5HQ	5.0 m	13,15	11,60	10,64
HDMI10HQ	10.0 m	20,47	18,05	16,56

HDMI - HDMI, Rotating Plugs

Connector cable: HDMI plug - HDMI plug

- ▶ High Speed HDMI cable
- ▶ vertically rotated 180°

Full HD
1080p



Item:	Length:	≥ 1	≥ 5	≥ 10
HDMIW1	1.0 m	3,30	2,99	2,83
HDMIW2	2.0 m	4,05	3,66	3,47
HDMIW3	3.0 m	4,79	4,34	4,11

HDMI - HDMI mini

HDMI
HIGH SPEED

Full HD
1080p

Connector cable: HDMI plug - HDMI mini plug

▶ High Speed HDMI cable



Item:	Length:	≥ 1	≥ 5	≥ 10
HDMIM1	1.0 m	6,36	5,61	5,14
HDMIM2	2.0 m	8,22	7,25	6,65

HDMI mini - HDMI mini

HDMI
HIGH SPEED

Full HD
1080p

Connector cable: HDMI mini plug - HDMI mini plug

▶ High Speed HDMI cable



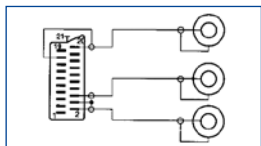
Item:	Length:	≥ 1	≥ 5	≥ 10
HDMIMM1	1.0 m	4,87	4,29	3,94
HDMIMM2	2.0 m	6,39	5,63	5,17

Video
Adaptors

Scart / RCA



VA01

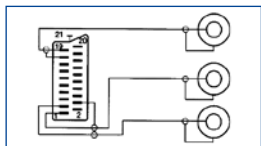


VA01

SCART plug - 3 RCA jacks
(2 x audio, 1 x video)



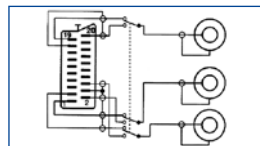
VA02



VA02



VA01M



VA01M

Item:	Information flow:	≥ 1	≥ 10	≥ 50
VA01	RCA to Scart (Input)	0,54	0,48	0,46
VA02	Scart to RCA (Output)	0,54	0,48	0,46
VA01M	manually switchable	0,62	0,54	0,52

Scart / RCA / Hosiden

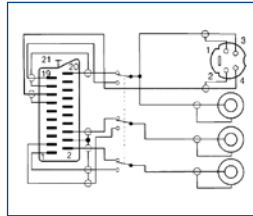
SCART plug - SCART jack, 3 RCA jacks, 4pin S-Video jack
audio: stereo



Item:	Information flow:	≥ 1	≥ 10	≥ 50
VA03	manually switchable	1,32	1,15	1,07

Scart / RCA / S-Video

SCART plug - 3 RCA jacks, 4pin S-Video jack
(2 x audio, 1 x video, 1 x S-Video)



Item:	Information flow:	≥ 1	≥ 10	≥ 50
CA49SVHS	manually switchable	0,63	0,55	0,51

S-Video

4pin S-Video jack - 4pin S-Video jack



Item:	Information flow:	≥ 1	≥ 10	≥ 50
SVHSA2		0,69	0,61	0,57

Control Unit

SCART video control unit with 6 RCA jacks



Item:	Information flow:	≥ 1	≥ 5	≥ 10
VIDCO		4,72	4,33	4,16

DVI / SUB-D



Compact adaptor, DVI analogue jack - VGA 15 pin SUB-D HD plug, moulded

Molex ref.-no.: 88741-9100

Item:	≥ 1	≥ 5	≥ 10
DA1	2,69	2,38	2,24

DVI / SUB-D Jack



DVI analogue plug - VGA 15 pin SUB-D HD jack, compact design, moulded

Molex ref.-no.: 88741-8700

Item:	≥ 1	≥ 5	≥ 10
DA3	2,13	1,88	1,77

HDMI / DVI



Compact adaptor: 19 pin HDMI connector - 25 pin dual link DVI connector



HDMIAMF



HDMIAFM



HDMIAMM



HDMI AFF

Item:	Description:	≥ 1	≥ 5	≥ 10
HDMIAMF	HDMI Plug - DVI Jack	10,08	8,92	8,38
HDMI AFM	HDMI Jack - DVI Plug	10,08	8,92	8,38
HDMIAMM	HDMI Plug - DVI Plug	4,82	4,26	4,01
HDMI AFF	HDMI Jack - DVI Jack	6,72	5,94	5,59

DisplayPort / DVI

20-pin DisplayPort plug - DVI jack

Gold plated

★★★★
High Quality



Item:	≥ 1	≥ 5	≥ 10
DPDVI	13,22	11,69	10,99

DisplayPort / HDMI

20-pin DisplayPort plug - 19-pin HDMI jack

Gold plated

★★★★
High Quality



Item:	≥ 1	≥ 5	≥ 10
DPHDMI	13,22	11,69	10,99

mini DisplayPort / DVI

This Adaptor enables the connection of an state-of-the-art Apple iBook to a DVI display.

NEW



Item:	Description:	≥ 1	≥ 5	≥ 10
MDDVI	mini DisplayPort plug on DVI jack	10,15	9,80	9,45

mini DisplayPort / HDMI

NEW

This Adaptor enables the connection of an state-of-the-art Apple iBook to a HDMI display.



Item:	Description:	≥ 1	≥ 5	≥ 10
MDHDMI	mini DisplayPort plug on HDMI jack	9,76	9,42	9,09

Home Cinema

Audio Cables

2 x RCA

★★★★
High
Quality

Gold
plated

2 RCA plugs - 2 RCA plugs

- high quality
- ▶ chrome-plated metal connectors
 - ▶ gold-plated contacts
 - ▶ molded



Item:	Length:	≥ 1	≥ 5	≥ 10
HC10015	1.5 m	4,52	4,21	4,08
HC1005	5.0 m	7,81	7,28	7,05
HC1010	10.0 m	12,64	11,79	11,41

1 x RCA

RCA plug - RCA plug

Gold plated

★★★★
High Quality

high quality

- ▶ chrome-plated metal connectors
- ▶ gold-plated contacts
- ▶ molded



Item:	Length:	≥ 1	≥ 5	≥ 10
HC20015	1.5 m	2,58	2,40	2,32
HC2005	5.0 m	4,12	3,84	3,72
HC2010	10.0 m	6,34	5,91	5,72

Scart

SCART plug - SCART plug

U-type

Gold plated

★★★★
High Quality

high quality

- ▶ chrome-plated metal connectors
- ▶ gold-plated contacts
- ▶ molded



Item:	Length:	≥ 1	≥ 5	≥ 10
HC4002	2.0 m	9,15	8,53	8,26
HC4005	5.0 m	13,66	12,73	12,32
HC4010	10.0 m	20,86	19,45	18,82

S-Video

4pin S-Video plug - 4pin S-Video plug

Gold plated

★★★★
High Quality

high quality

- ▶ chrome-plated metal connectors
- ▶ gold-plated contacts
- ▶ molded



Item:	Length:	≥ 1	≥ 5	≥ 10
HC55015	1.5 m	3,12	2,91	2,82
HC5505	5.0 m	5,72	5,33	5,16
HC5510	10.0 m	9,54	8,90	8,61

Scart / S-Video

★★★★
High
QualityGold
plated

SCART plug → 4pin S-Video plug

high quality

- ▶ chrome-plated metal connectors
- ▶ gold-plated contacts
- ▶ molded



Item:	Length:	≥ 1	≥ 5	≥ 10
HC7002	2.0 m	4,27	3,98	3,85
HC7005	5.0 m	5,15	4,80	4,65

Home Cinema

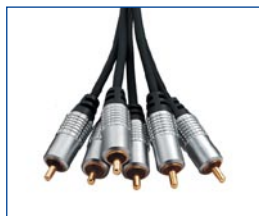
AV Cables

3 x RCA

★★★★
High
QualityGold
plated3 RCA plugs - 3 RCA plugs
(1 x video, 2 x audio)

high quality

- ▶ chrome-plated metal connectors
- ▶ gold-plated contacts
- ▶ molded



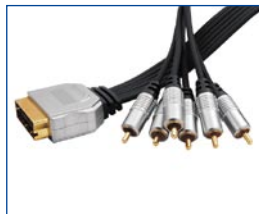
Item:	Length:	≥ 1	≥ 5	≥ 10
HC30015	1.5 m	6,19	5,77	5,58
HC3005	5.0 m	10,15	9,46	9,15
HC3010	10.0 m	15,79	14,72	14,24

Scart / 6 x RCA

★★★★
High
QualityGold
platedSCART plug - 6 RCA plugs
(3 x in, 3 x out)

high quality

- ▶ chrome-plated metal connectors
- ▶ gold-plated contacts
- ▶ molded



Item:	Length:	≥ 1	≥ 5	≥ 10
HC4502	2.0 m	11,52	10,74	10,39

Scart / S-Video RCA, switchable

SCART plug with switch - 4pin S-Video plug / 2 RCA plugs

Gold plated

★★★★
High Quality

high quality

- ▶ chrome-plated metal connectors
- ▶ gold-plated contacts
- ▶ molded



Item:	Length:	≥ 1	≥ 5	≥ 10
HC8502	2.0 m	8,81	8,22	7,95
HC8510	10.0 m	21,37	19,92	19,28

Scart / RCA, switchable

SCART plug with switch - 3 RCA plugs

Gold plated

★★★★
High Quality

high quality

- ▶ chrome-plated metal connectors
- ▶ gold-plated contacts
- ▶ molded



Item:	Length:	≥ 1	≥ 5	≥ 10
HC9502	2.0 m	8,25	7,69	7,44
HC9505	5.0 m	12,37	11,54	11,16

Scart / S-Video RCA, switchable

SCART plug with switch - 4pin S-Video jack / 3 RCA jacks

Gold plated

★★★★
High Quality

high quality

- ▶ chrome-plated
- ▶ gold-plated contacts



Item:	Length:	≥ 1	≥ 5	≥ 10
CA49SVHSV		2,67	2,49	2,41

S0-Bus - Telegärtner



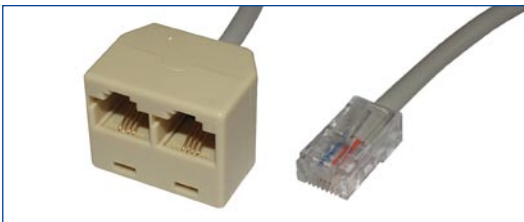
original „Telegärtner“, passive splitter for extending the ISDN-S0-Bus, 4 wires



2 x RJ45 jack - 1 x RJ45 plug

Item:	Description:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
S0T	2x, ISDN-T-splitter	J00029A0003	4,55	4,15	3,97

S0-Bus



passive splitter for extending the ISDN-S0-Bus, 4 wires
length: 130 mm

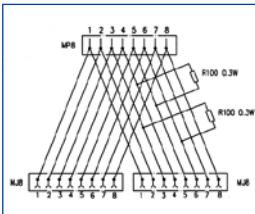
2 x RJ45 jack - 1 x RJ45 plug

Item:	Description:	≥ 1	≥ 10	≥ 25
ITA	2x, ISDN-T-splitter	0,67	0,59	0,56

Telegärtner



original „Telegärtner“ passive splitter



2 x RJ45 jack - 1 x RJ45 plug

Item:	Description:	Telegärtner-Art.:	≥ 1	≥ 5	≥ 10
TBUS03	with 100Ω termination resistor	J00029A0007	7,19	6,55	6,28

ISDN

Connecting Cables

RJ45 - RJ45



ISDNVK4/3



ISDNVK8/3

ISDN cable unshielded

- ▶ RJ45 plug - RJ45 plug
- ▶ assignment 1:1
- ▶ 4 wire or 8 wire
- ▶ Colour: black

Item:	No. of contacts:	Length:	≥ 1	≥ 10	≥ 25
ISDNVK4/3	4	3 m	0,38	0,33	0,31
ISDNVK8/3	8	3 m	0,60	0,52	0,49

8P4C - 4P4C

ISDN cable unshielded

- ▶ RJ45 plug - RJ10 plug
- ▶ colour: black

Assignment

- 1
- 2
- 3 — 1
- 4 — 2
- 5 — 3
- 6 — 4
- 7
- 8



Item:	Length:	≥ 1	≥ 10	≥ 25
MO8/4L6	6 m	0,68	0,59	0,55
MO8/4L10	10 m	1,62	1,41	1,32

Modular Outlets

Keystones - Premium Line



Information

Keystones - Premium Line

Keystone jacks for use with patch panels and compact outlets

premium line

Cat.6A 10G

- ▶ conforms to 10 Gigabit Ethernet requirements, Cat.6A, Class E
- ▶ supports T568A and T568B wiring for easy installation
- ▶ IDC connector accepts 26 to 22 AWG solid and stranded cables
- ▶ UL/cUL listed

Cat.6a



Item:	Version:	≥ 1	≥ 5	≥ 10
P109524010	shielded	3,07	2,98	2,84

Modular Outlets

80 x 80 mm - Premium Line



Information

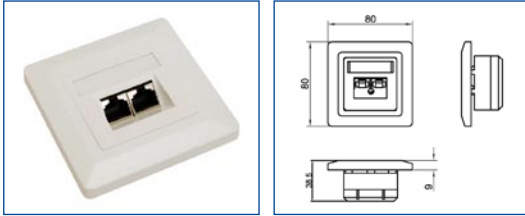
80 x 80 mm - Premium Line

80 x 80 mm outlets for the European market, quick and easy installment.

premium line

Cat.6

Cat.6



- ▶ conforms to Gigabit Ethernet requirements, Cat.6
- ▶ supports T568A and T568B wiring for easy installation
- ▶ IDC connector accepts 26 to 22 AWG solid and stranded cables
- ▶ UL/cUL listed
- ▶ LSA+

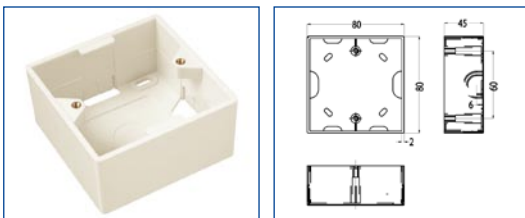
pure white

Item:	Version:	Colour:	RAL-Code:	≥ 1	≥ 5	≥ 10
P111621290	shielded	pure white	RAL 9010	3,90	3,77	3,64

Accessories

Item:	Description	Page
P112003090	Wall mount box pure white	646

Wall-mounting Boxes



for use with compact outlets, 32 mm depth

delivered including mounting screws

pure white

Item:	Colour:	RAL-Code:	≥ 1	≥ 5	≥ 10
P112003090	pure white	RAL 9010	0,64	0,62	0,59

unpopulated



- ▶ unloaded for use with keystone jacks

pure white

Item:	Colour:	RAL-Code:	≥ 1	≥ 5	≥ 10
P123212090	pure white	RAL 9010	1,02	0,99	0,95

Accessories

Item:	Description	Page	Item:	Description	Page
P109524010	Keystone jack Cat.6A shielded	645	P112003090	Wall mount box pure white	646

Information

AMJ Module Inserts - Telegärtner

The evolution of network components with LSA+ connection technology

For a long time it seemed impossible that category 6_A network components could be certified as conforming to the ISO/IEC 11801 standard. Only with modules did it seem possible to meet the strict requirements of this standard. But true to the motto „Never say never“, and thanks to the phenomenal teamwork of its Development, Design, Production and Quality Control departments, Telegärtner has in fact managed to achieve the impossible.

A complete range of Cat.6_A quality products

Telegärtner is the first supplier to offer GHMT-certified RJ45 Cat.6_A networking components with LSA+ connection technology conforming to the ISO/IEC 11801:2010 standard. Hence the ease of installation and reliability of LSA+ technology and top transmission standards are combined for the first time in one product. A number of new developments made it possible, such as a new four-layer board with optimised conductor tracks between LSA+ terminal blocks and jack contacts, and better compensation of the electrical parameters in the jacks.



DataVoice
All 500 MHz components in Cat.6_A quality

“Never say never.”



Modules

Cat.6_A



Item:	Categorie:	for connector:	≥ 1	≥ 20	≥ 40
J00029K0036	Cat.6 _A	RJ11/12 and RJ45	4,43	4,13	4,00

Unshielded version UMJ available on demand!

Lead-Through Jacks

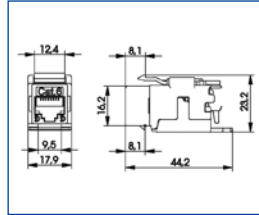
Cat.6

Cat.5e

- ▶ jack - jack
- ▶ suitable for RJ11/12 and RJ45 connectors



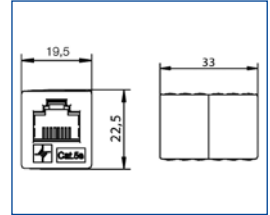
not insulated



not insulated



insulated



insulated

Item:	Category:	Insulation:	≥ 1	≥ 20	≥ 40
J00029A0061	Cat.6	-	5,05	4,71	4,56
J00029A0062	Cat.6	alpine white insulated	5,86	5,64	5,43
J00029K0051	Cat.5e	-	4,19	3,91	3,78
J00029K0052	Cat.5e	alpine white insulated	4,91	4,58	4,43

Unshielded version UMJ available on demand!

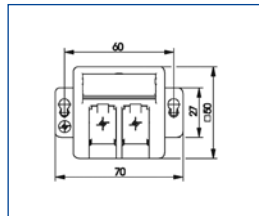
Modular Outlets

AMJ Module Receptacles - Telegärtner

design, Cable Duct



2x



2x

- ▶ without modules/couplers
- ▶ mating direction 45°

Item:	Version:	Dimensions:	Colour:	≥ 1	≥ 20	≥ 40
H02010A0051	2x	50 x 50 mm	alpine white	1,56	1,45	1,40
H02010A0052	2x	50 x 50 mm	pearl white	1,56	1,45	1,40

design, Cable Duct, projecting



- ▶ without modules/couplers
- ▶ mating direction 45°



2x

Item:	Version:	Dimensions:	Colour:	≥ 1	≥ 20	≥ 40
H02010A0057	2x	50 x 50 mm	alpine white	2,57	2,39	2,32

design, On-Wall Mounting, projecting

- ▶ without modules/couplers
- ▶ mating direction 45°

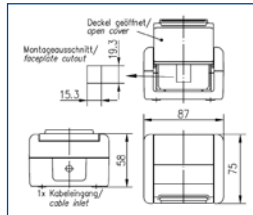


2x

Item:	Version:	Dimensions:	Colour:	≥ 1	≥ 20	≥ 40
H02000A0076	2x	80 x 80 mm	alpine white	3,72	3,47	3,36
H02000A0079	2x	80 x 80 mm	pearl white	3,72	3,47	3,36

IP44, On-Wall Mounting

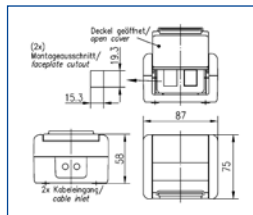
- ▶ without modules/couplers



1x



1x



2x



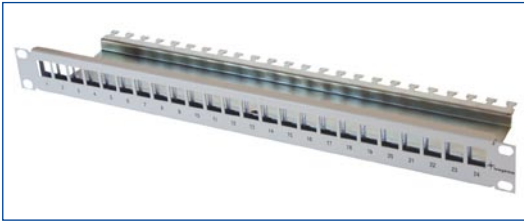
2x

Item:	Version:	≥ 1	≥ 5	≥ 10
H02000A0069	1x	15,35	14,31	13,85
H02000A0070	2x	15,35	14,31	13,85



19", unpopulated

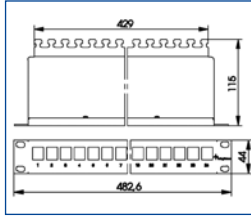
▶ for 24 modules/couplers



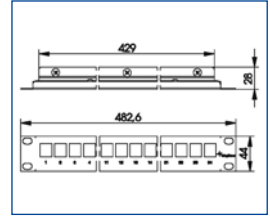
H02025A0167



H02025A0197



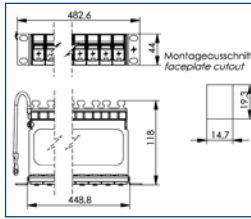
H02025A0167



H02025A0197



H02025A0199



H02025A0199

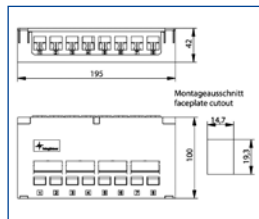
Item:	Version:	≥ 1	≥ 5	≥ 10
H02025A0167	incl. cable strain relief and grounding kit 0.3 m	18,99	17,71	17,14
H02025A0197	without cable strain relief and grounding kit	13,67	12,75	12,34
H02025A0199	incl. cable strain relief, grounding kit 0.3 m and 24 snap-in bezels	40,72	37,97	36,74

Mini Distributor, unpopulated

- ▶ for AMJ/UMJ modules and couplers
- ▶ stackable
- ▶ hinged lip for easy installation
- ▶ white colour



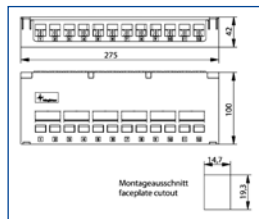
H02000A0080



H02000A0080



H02000A0081

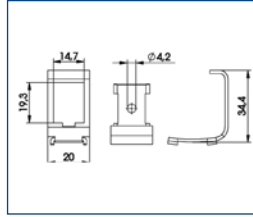


H02000A0081

Item:	Version:	≥ 1	≥ 5	≥ 10
H02000A0080	8x	17,88	16,67	16,13
H02000A0081	12x	28,60	26,66	25,80

Top-Hat Rail Adaptor IP20

▶ for modules and couplers



Item:	≥ 1	≥ 20	≥ 40
H06000A0045	4,34	4,04	3,91



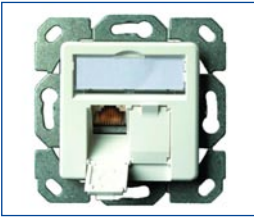
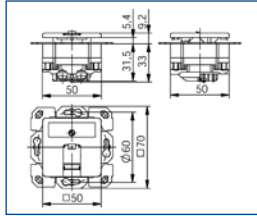
Cat.5e



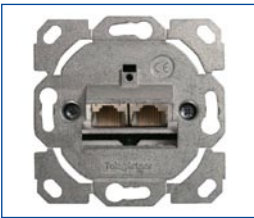
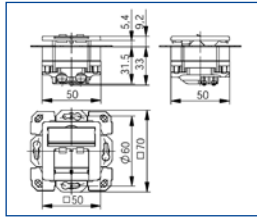
Cat.5e



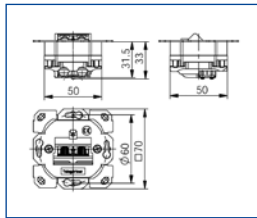
A45Lx8



A45Lx8/8



A45L8/8



- ▶ Transmission Characteristics acc. to ISO/IEC 11801:2002 EN 60603-7-5 (RJ45 shielded, 250 MHz) TIA/EIA-568-B.2-1
- ▶ 360 degrees shielding contact and strain relief by means of one captive screw clamp for the exterior cable jacket and shielding
- ▶ Can be wired up from all directions, in 8x45° steps; enables reduction in stock diversity
- ▶ Either horizontal or vertical installation in the cable duct as a result of variable cable inlet
- ▶ Type offers low installation depth; problem-free installation in floor tanks as a result of cable inlet form the side within the subfloor mounting box
- ▶ Option of plug-in ground connection at all four corners
- ▶ Can be combined with covers for a wide variety of switching programs
- ▶ Simple lead presorting guarantees leads will be laid without damage and good transmission performance

Item:	Description:	Version:	Telgärtner-Art.-Nr.:	≥ 1	≥ 10	≥ 25
A45LA8	AMJ45 8 UP/50 Cat.5e	1x, alpine white	J00020A0419	7,62	7,16	6,85
A45LP8	AMJ45 8 UP/50 Cat.5e	1x, pearl white RAL 1013	J00020A0418	7,62	7,16	6,85
A45L8	AMJ45 8 UP/50 Cat.5e	1x, without face plate	J00020A0420	7,15	6,71	6,42
A45LA8/8	AMJ45 8/8 UP/50 EK	2x, alpine white	J00020A0389	9,13	8,58	8,21
A45LP8/8	AMJ45 8/8 UP/50 EK	2x, pearl white RAL 1013	J00020A0390	9,13	8,58	8,21
A45L8/8	AMJ45 8/8 UP/50 EK	2x, without face plate	J00020A0388	8,67	8,15	7,79

Accessories

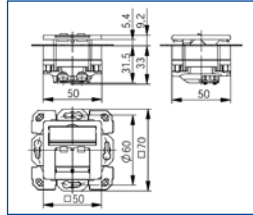
Item:	Description	Page	Item:	Description	Page
A45AA	On-wall set alpine white	657	A45RP	1x frame pearl white	657
GETA	Universal Equipment Mount. Set	657	A45R2A	2x frame alpine white	657
VADAP/P	On-wall set pearl white	657	A45R2P	2x frame pearl white	657
A45RA	1x frame alpine white	657			

Cat.6 / Class E

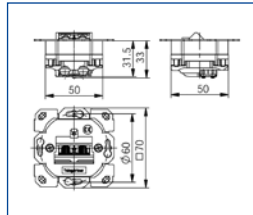
Cat.6
Class E



- ▶ Transmission Characteristics acc. to ISO/IEC 11801:2002 EN 60603-7-5 (RJ45 shielded, 250 MHz) TIA/EIA-568-B.2-1
- ▶ 360 degrees shielding contact and strain relief by means of two separate, captive screw clamps for the exterior cable jacket and shielding
- ▶ Can be wired up from all directions, in 8x45° steps; enables reduction in stock diversity
- ▶ Either horizontal or vertical installation in the cable duct as a result of variable cable inlet
- ▶ Type offers low installation depth; problem-free installation in floor tanks as a result of cable inlet form the side within the subfloor mounting box
- ▶ Option of plug-in ground connection at all four corners
- ▶ Can be combined with covers for a wide variety of switching programs
- ▶ Simple lead presorting guarantees leads will be laid without damage and good transmission performance



A45LS8/8



A45LPS8/8

Item:	Description:	Version:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
A45LAS8/8	AMJ45 8/8 UP/50 EK	alpine white similar to RAL9010	J00020A0393	10,27	9,65	9,23
A45LPS8/8	AMJ45 8/8 UP/50 EK	pearl white RAL1013	J00020A0394	10,27	9,65	9,23
A45LS8/8	AMJ45 8/8 UP/50 EK	without face plate	J00020A0395	9,78	9,19	8,79

Accessories

Item:	Description	Page	Item:	Description	Page
A45AA	On-wall set alpine white	657	A45R2A	2x frame alpine white	657
VADAP/P	On-wall set pearl white	657	A45R2P	2x frame pearl white	657
A45RA	1x frame alpine white	657	GETA	Universal Equipment Mount. Set	657
A45RP	1x frame pearl white	657			

Cat.6 / Class E

- ▶ Transmission characteristics Cat.6/Class E: Channel Class E according to ISO/IEC edition 2
- ▶ Suitable for Gigabit Ethernet (1000 BaseT)
- ▶ Supports the EMC standards EN 50081-2 (emission) and EN 50082-2 Crit.A (interference)
- ▶ RJ45 jacks tilted downwards at an angle of 45 degrees
- ▶ Marking label with transparent cover
- ▶ Interference protection against bursts > 4 kV
- ▶ The cables are terminated via IDC (LSA Plus) terminals with colour coding acc. to EIA/TIA T568A and B
- ▶ 360 degrees shielding contact directly on the PCB without need of twisting the shielding braid
- ▶ Screw clamp for strain relief and shielding contact of both cables
- ▶ Additional protection again emission and interference by metal-housing
- ▶ „Cable Sharing“ easy possible

Cat.6
Class E



J00020A0503



VAD8/8AP



J00020A0507

Item:	Description:	Mounting:	Colour:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
VAD8/8APR	2x	surface	pure white	J00023B0052	13,85	13,01	12,45
VAD8/8APP	2x	surface	pearl white	J00023B0053	13,85	13,01	12,45
J00020A0503	2x	flush and subfloor	alpine white	J00020A0503	12,49	11,73	11,23
J00020A0507	1x	flush and subfloor	alpine white	J00020A0507	8,98	8,44	8,07

Please order covers for flush or subfloor mounting outlets seperately!

Modular Outlets
RJ45 IP67 - Telegärtner

Cat.6, Jack

- ▶ Variant 6 acc. to IEC 61076-3-106
- ▶ connector for Automation Island acc. to CDV IEC 61918 Ed.2.0
- ▶ Category 6A acc. to ANSI/TIA/EIA 568B.2-10
- ▶ 8-way contact for 10 Gigabit-Ethernet
- ▶ large surface 360° screen connection
- ▶ non-detachable cover ensures protection class IP67 seal (unmated)
- ▶ easily opened, re-usable modules
- ▶ Fire rating UL94 V0
- ▶ mating face mountable in two directions set at 90° to each other
- ▶ can be used together with standard RJ45 plugs (protection class IP20)

IP67

Cat.6



J00020A0437



RJIPD

Item:	Description:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
RJIPD	IP67 surface mounting outlet	J00020A0436	15,50	14,55	13,93
J00020A0437	IP67 coupling outlet	J00020A0437	15,50	14,55	13,93

More industrial ethernet items such as assembled IP67 PUR or PVC patch cables available on demand!

Cat.6, Plug



Cat.6

IP67



RJ45



locking clasps

- ▶ Variant 6 acc. to IEC 61076-3-106
- ▶ connector for Automation Island acc. to CDV IEC 61918 Ed.2.0
- ▶ Category 6A acc. to ANSI/TIA/EIA 568B.2-10
- ▶ 8-way contact for 10 Gigabit-Ethernet
- ▶ locking clasp to prevent accidental detachment
- ▶ optional accessory: colour-coding of the patch cords by using different coloured locking clasps
- ▶ 360° shield connection
- ▶ inner and outer conductor crimped in one single operation using the profi crimping tool N00001A0002
- ▶ Fire rating UL94 V0
- ▶ protection class IP67

Delivered including one locking clasp grey.

Item:	Description:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
RJ45	RJ45 plug IP67	J00026A0150	7,71	7,24	6,93
VKIPGR	locking clasp grey	B00073A0001	1,22	1,11	1,06
VKIPRT	locking clasp red	B00073B0001	1,22	1,11	1,06
VKIPBL	locking clasp blue	B00073C0001	1,22	1,11	1,06
VKIPGE	locking clasp yellow	B00073D0001	1,22	1,11	1,06
VKIPGN	locking clasp green	B00073E0001	1,22	1,11	1,06

Bulkheads



Cat.6 / Cat.6A



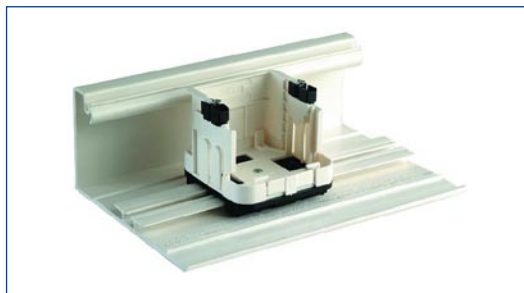
Cat.5e

- ▶ For generic cabling of factory automation machinery (Automation Island, ODVA) acc. CDV IEC 61918 Ed.2.0 and fieldbus installation acc. to IEC 61784-5
- ▶ robust plastic design
- ▶ Variant 6 according to IEC 61076-3-106
- ▶ designed to meet the demands of harsh industrial environments
- ▶ protection class IP67 when mated
- ▶ easy, tool-less opening as well as a secure locking by locking clasps
- ▶ high power reserves and transmission characteristics of Class EA acc. to FPDAM2:2009 zu ISO/ IEC11801:2002

Item:	Assembly:	Categorie:	≥ 1	≥ 10	≥ 25
J00020A0481	module	Cat.6A	10,06	9,45	9,04
J00020A0482	coupler	Cat.5e	10,06	9,45	9,04
J00020A0483	coupler	Cat.6	11,03	10,36	9,91

Universal Equipment Mounting Set

- ▶ Suitable for cable duct systems with c-rails, top-hat rails, and combi-rails with 35 mm fixings
- ▶ Variable height compensation for wiring ducts with internal heights of 47 mm, 50 mm, 52 mm, and 55 mm
- ▶ Cable strain relief
- ▶ Can be string-mounted, and therefore suitable for double, triple and multiple installations
- ▶ User-friendly installation and integration of the outlets
- ▶ Suitable for horizontal and vertical inst
- ▶ Small stock diversity
- ▶ Optimal cable runs inside the cable ducts
- ▶ Quick, screw-free installation due to snap-in latches
- ▶ Reduced installation times
- ▶ External dimensions (in mm): width = 70; height: variable 47, 50, 52, and 55



Item:	Description:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
GETA	for outlets in cable ducts	H02010B0013	2,92	2,65	2,54

On-Wall Mounting Accessories



HSAAP



VADAP/P + A45AA

Item:	Description:	Colour:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
VADAP/P	surface mount set AMJ45	pearl white RAL 1013	H02000C0026	2,49	2,27	2,17
A45AA	surface mount set AMJ45	alpine white sim. to RAL 9010	H02000C0027	2,49	2,27	2,17
HSAAP	top hat rail adaptor for s. m. set		H02000A0054	1,82	1,65	1,58

Frames



1x

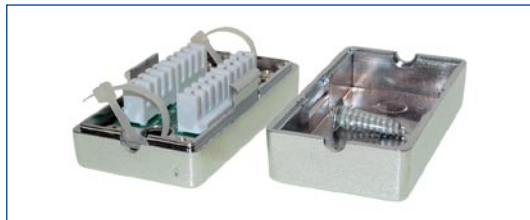


2x

Item:	Description:	Colour:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
A45R2A	2x cover frame 151x80	alpine white similar to RAL 9010	B00005A0009	1,32	1,20	1,14
A45R2P	2x cover frame 151x80	pearl white RAL 1013	B00005A0007	1,62	1,47	1,41
A45RA	1x cover frame 80x80	alpine white similar to RAL 9010	B00004A0021	0,57	0,51	0,49
A45RP	1x cover frame 80x80	pearl white RAL 1013	B00004A0019	0,63	0,57	0,55

1x

Cat.5e



allows for repair or connection of twisted-pair cable segments

- ▶ LSA Plus terminals
- ▶ suitable for 4x2xAWG28
- ▶ metallized plastic housing
- ▶ Cat.5e up to 100 MHz

Item:	≥ 1	≥ 10	≥ 25
CBC5E	2,86	2,57	2,06

Modules for connecting LAN installation cables

Cat.7 - Telegärtner

1x



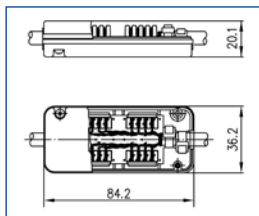
Cat.7

The connection module allows for cable extensions or repair of damaged cables, with no need for the cable segments in a structured wiring system to be laid out again.

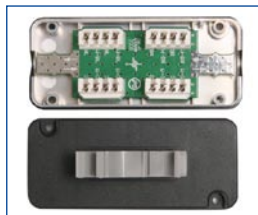
- ▶ suitable for AWG 26-22 or for cables with an outer diameter of up to 10mm
- ▶ Cat.7 up to 600 MHz 4P



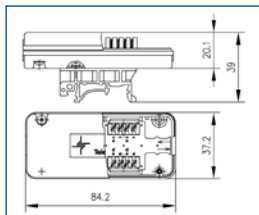
VM88



VM88



J00060B0069



J00060B0069

Item:	Version:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
VM88	standard	J00060A0069	17,06	15,50	14,83
J00060B0069	with mounting rail adaptor	J00060B0069	18,74	17,03	16,29

RJ45 Plug/Jack

Cat.5



When all of the available connections in a data network are occupied then problems arise to be sure, as soon as new subscribers are added. One solution would be to lay additional cables as well as to install further distribution panels and boxes. But this sometimes proves to be very difficult and costly because of poor accessibility to installation ducts. The Modular T-Adaptors Cat.5e make it possible to duplicate connections without having to intervene in the existing network structures. This solution is available for the network topologies Ethernet, Token Ring and Ethernet/ISDN combinations in different versions shielded or unshielded.

The adaptor, which is built into a plastic housing, divides an attached 8-wire RJ45 output into two sockets, each of which then has 4-wire pin assignment. The 15 cm long connecting cable is provided with an RJ45 plug which is inserted into the output of the box and/or the distributor. The connecting cables to the subscriber and/or to the next distributor socket are then inserted into the two RJ45 sockets at the adaptor output. The outputs to the subscribers are marked by coloured mounting symbols for data and/or telephone connections. A labelling plate under a transparent cover offers space for marking the outputs. On the underside of the adaptor housing there is a label with information on the pin assignment so that the distributor structure can be precisely traced in case additional action is required.

Colour: light grey RAL 7035

Item:	Description:	Version:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
MTA01	shielded	2 x 10/100 Base T	J00029A0009	12,64	11,48	10,99
MTA05	shielded	1 x 10/100 Base T/ 1xISDN	J00029A0013	12,64	11,48	10,99

Important: Each one adaptor has to be connected to the patch panel (2 inputs from the hub) and to the data outlet (2 outputs to the terminals)!



Cat.7 S/STP

premium
line

Cat.7

PiMF

High quality patch cords in compliance with all EIA/TIA568-A standards

- ▶ conforms to 10 Gigabit Ethernet requirements, Cat.7
- ▶ screened shielded twisted pair, PiMF, S/STP
- ▶ sheath LSZH = low smoke, zero halogen



Item:	Length:	Colour:	≥ 1	≥ 5	≥ 10
P18742005GR	0.5 m	grey	1,55	1,33	1,26
P18742010GR	1.0 m	grey	2,02	1,73	1,63
P18742020GR	2.0 m	grey	2,94	2,52	2,38
P18742030GR	3.0 m	grey	3,86	3,31	3,13
P18742050GR	5.0 m	grey	5,69	4,88	4,61
P18742070GR	7.0 m	grey	7,52	6,44	6,09
P18742100GR	10.0 m	grey	10,27	8,80	8,31
P18742150GR	15.0 m	grey	14,87	12,74	12,04

Cat.5e, FTP, Stewart-Plug

The Uninet 5502 flex 4P cable is suitable for transmission rates up to 300 MHz. It has an excellent screen performance thanks to the overall copper braid and is highly flexible.

The shortened bend protection of the assembled Stewart connectors allows for higher packing density. So these cables are particularly suitable for the use with server cabinets.

Cat.5e

Dätwyler

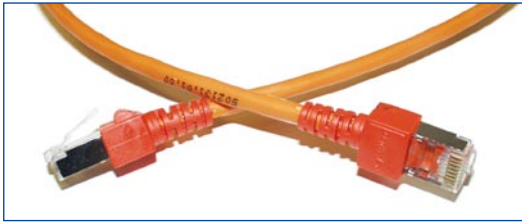


Item:	Length:	Colour:	≥ 1	≥ 10	≥ 25
P5502GR0,5	0.5 m	grey	2,46	2,31	2,21
P5502GR1	1.0 m	grey	2,80	2,63	2,51
P5502GR1,5	1.5 m	grey	3,13	2,94	2,81
P5502GR2	2.0 m	grey	3,46	3,25	3,11
P5502GR2,5	2.5 m	grey	3,80	3,57	3,41
P5502GR3	3.0 m	grey	4,13	3,88	3,71
P5502GR4	4.0 m	grey	4,80	4,50	4,31
P5502GR5	5.0 m	grey	5,46	5,13	4,91
P5502GR6	6.0 m	grey	6,13	5,75	5,51
P5502GR7	7.0 m	grey	6,79	6,38	6,10
P5502GR10	10.0 m	grey	8,79	8,26	7,90
P5502GR15	15.0 m	grey	12,12	11,38	10,89
P5502GR20	20.0 m	grey	15,45	14,51	13,89
P5502GR25	25.0 m	grey	18,78	17,64	16,88
P5502GR30	30.0 m	grey	22,11	20,77	19,87
P5502GR50	50.0 m	grey	35,43	33,28	31,84
P5502RT1	1.0 m	red	2,80	2,63	2,51
P5502RT2	2.0 m	red	3,46	3,25	3,11
P5502RT3	3.0 m	red	4,13	3,88	3,71
P5502RT5	5.0 m	red	5,46	5,13	4,91
P5502RT10	10.0 m	red	8,79	8,26	7,90
P5502BL1	1.0 m	blue	2,80	2,63	2,51
P5502BL2	2.0 m	blue	3,46	3,25	3,11
P5502BL3	3.0 m	blue	4,13	3,88	3,71
P5502BL5	5.0 m	blue	5,46	5,13	4,91
P5502BL10	10.0 m	blue	8,79	8,26	7,90
P5502GE1	1.0 m	yellow	2,80	2,63	2,51
P5502GE2	2.0 m	yellow	3,46	3,25	3,11
P5502GE3	3.0 m	yellow	4,13	3,88	3,71
P5502GE5	5.0 m	yellow	5,46	5,13	4,91
P5502GE10	10.0 m	yellow	8,79	8,26	7,90
P5502GN1	1.0 m	green	2,80	2,63	2,51
P5502GN2	2.0 m	green	3,46	3,25	3,11
P5502GN3	3.0 m	green	4,13	3,88	3,71
P5502GN5	5.0 m	green	5,46	5,13	4,91
P5502GN10	10.0 m	green	8,79	8,26	7,90

Cat.5e, FTP, Stewart-Plug, LSZH

Dätwyler

Cat.5e

halogen
free

The Uninet 5502 flex 4P cable is suitable for transmission rates up to 300 MHz. It has an excellent screen performance thanks to the overall copper braid and is highly flexible.

The shortened bend protection of the assembled Stewart connectors allows for higher packing density. So these cables are particularly suitable for the use with server cabinets.

sheath LSZH = low smoke, zero halogen
>>> halogen-free, flame retardant <<<

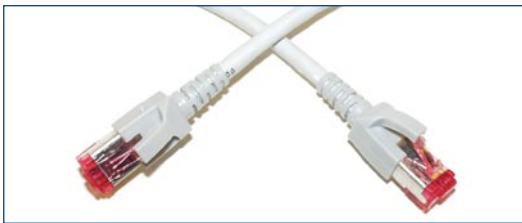
Item:	Length:	Colour:	≥ 1	≥ 10	≥ 25
P5502OR1	1.0 m	orange	2,93	2,75	2,63
P5502OR2	2.0 m	orange	3,66	3,44	3,29
P5502OR3	3.0 m	orange	4,46	4,19	4,01
P5502OR5	5.0 m	orange	5,99	5,63	5,39
P5502OR10	10.0 m	orange	9,79	9,19	8,80

Cat.6, PiMF, Hirose-Plug, LSZH

Dätwyler

Cat.6

PiMF

halogen
free

The uninet 7702 flex 4P cable is suitable for transmission rates up to 1200 MHz. It has an excellent Next and Impedance performance thanks to the individually foil screened pairs (PiMF). Thanks to the overall copper braid, it has an excellent screen performance and is highly flexible. This cable is optimized for the transmission of CATV-Signals up to 862 MHz.

Cat.6 Hirose Connectors perfectly complement this premium assembly.

sheath LSZH = low smoke, zero halogen
>>> halogen-free, flame retardant <<<

Item:	Length:	Colour:	≥ 1	≥ 10	≥ 25
P7702GR0,5	0.5 m	grey	3,83	3,60	3,44
P7702GR1	1.0 m	grey	4,33	4,07	3,89
P7702GR1,5	1.5 m	grey	4,83	4,53	4,34
P7702GR2	2.0 m	grey	5,33	5,00	4,79
P7702GR2,5	2.5 m	grey	5,83	5,48	5,24
P7702GR3	3.0 m	grey	6,33	5,95	5,69
P7702GR4	4.0 m	grey	7,33	6,88	6,58
P7702GR5	5.0 m	grey	8,33	7,82	7,48
P7702GR6	6.0 m	grey	9,32	8,76	8,38
P7702GR7	7.0 m	grey	10,32	9,69	9,28
P7702GR10	10.0 m	grey	13,32	12,51	11,97
P7702GR15	15.0 m	grey	18,32	17,20	16,46
P7702GR20	20.0 m	grey	23,31	21,89	20,95
P7702GR25	25.0 m	grey	28,30	26,58	25,43
P7702GR30	30.0 m	grey	33,30	31,28	29,93
P7702GR50	50.0 m	grey	53,28	50,04	47,88
P7702RT1	1.0 m	red	4,33	4,07	3,89
P7702RT2	2.0 m	red	5,33	5,00	4,79
P7702RT3	3.0 m	red	6,33	5,94	5,68



 **Cat.6, PiMF, Hirose-Plug, LSZH**

Item:	Length:	Colour:	≥ 1	≥ 10	≥ 25
P7702RT5	5.0 m	red	8,33	7,82	7,48
P7702BL1	1.0 m	blue	4,33	4,07	3,89
P7702BL2	2.0 m	blue	5,33	5,00	4,79
P7702BL3	3.0 m	blue	6,33	5,94	5,69
P7702BL5	5.0 m	blue	8,33	7,82	7,48
P7702GE1	1.0 m	yellow	4,33	4,06	3,89
P7702GE2	2.0 m	yellow	5,33	5,00	4,79
P7702GE3	3.0 m	yellow	6,33	5,94	5,68
P7702GE5	5.0 m	yellow	8,33	7,82	7,48
P7702GN1	1.0 m	green	4,33	4,07	3,89
P7702GN2	2.0 m	green	5,33	5,00	4,79
P7702GN3	3.0 m	green	6,33	5,94	5,68
P7702GN5	5.0 m	green	8,33	7,82	7,48
P7702OR1	1.0 m	orange	4,33	4,06	3,89
P7702OR2	2.0 m	orange	5,33	5,00	4,79
P7702OR3	3.0 m	orange	6,33	5,94	5,69
P7702OR5	5.0 m	orange	8,33	7,82	7,48
P7702VI0,5	0.5 m	violet	3,83	3,60	3,44
P7702VI1	1.0 m	violet	4,33	4,06	3,89
P7702VI2	2.0 m	violet	5,33	5,00	4,79
P7702VI3	3.0 m	violet	6,33	5,94	5,68
P7702VI5	5.0 m	violet	8,33	7,82	7,48
P7702VI7	7.0 m	violet	10,32	9,69	9,28
P7702VI10	10.0 m	violet	13,32	12,51	11,97
P7702SW0,5	0.5 m	black	3,83	3,60	3,44
P7702SW1	1.0 m	black	4,33	4,06	3,89
P7702SW2	2.0 m	black	5,33	5,00	4,79
P7702SW3	3.0 m	black	6,33	5,94	5,68
P7702SW5	5.0 m	black	8,33	7,82	7,48
P7702SW7	7.0 m	black	10,32	9,69	9,28
P7702SW10	10.0 m	black	13,32	12,51	11,97



Cat.5e, U/UTP



Cat.5e



Patch cable Series MP8 100
RJ45 - RJ45, pin/pair assignments according to EIA /
TIA 568, moulded strain relief

unshielded, U/UTP

Item:	Length:	Colour:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
RJ45UTP0,5	0.5 m	grey	L00000E0010	1,24	1,17	1,12
RJ45UTP1	1.0 m	grey	L00000E0011	1,47	1,38	1,32
RJ45UTP2	2.0 m	grey	L00001E0005	1,95	1,83	1,76
RJ45UTP3	3.0 m	grey	L00002E0004	2,25	2,11	2,02
RJ45UTP5	5.0 m	grey	L00003E0003	3,21	3,02	2,89
RJ45UTP7,5	7.5 m	grey	L00004E0003	4,34	4,07	3,90
RJ45UTP10	10.0 m	grey	L00005E0003	5,49	5,16	4,93
RJ45UTP15	15.0 m	grey	L00006E0015	7,58	7,12	6,81
RJ45UTP25	25.0 m	grey	L00006E0019	11,81	11,09	10,61
RJ45UTP50	50.0 m	grey	L00006E0020	22,36	21,00	20,10

Cat.5 coloured or Cat.6 U/UTP patch cables available on demand!

Cat.5e, F/UTP



Cat.5e



Patch cable Series MP8 FS 100
RJ45 - RJ45, pin/pair assignments according to EIA /
TIA 568B, moulded strain relief, sheath and strain relief
coloured

Cat.5e, shielded, F/UTP

Marking: TELEGÄRTNER F/UTP CAT5E PATCH CABLE
4x2xAWG26/7 UL AWM STYLE 2835 30V 60°C IEC
60332-1 E81280

Item:	Length:	Colour:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
MP8FS0,25GR	0.25 m	grey	L00000D0016	2,40	2,25	2,15
MP8FS0,5GR	0.5 m	grey	L00000D0035	2,55	2,39	2,29
MP8FS1GR	1.0 m	grey	L00000D0026	2,87	2,70	2,58
MP8FS1,5GR	1.5 m	grey	L00001D0006	3,20	3,00	2,87
MP8FS2GR	2.0 m	grey	L00001D0036	3,52	3,31	3,17
MP8FS2,5GR	2.5 m	grey	L00002D0006	3,86	3,63	3,47
MP8FS3GR	3.0 m	grey	L00002D0005	4,00	3,75	3,59
MP8FS5GR	5.0 m	grey	L00003D0030	5,22	4,91	4,69
MP8FS7,5GR	7.5 m	grey	L00004D0041	6,72	6,31	6,04
MP8FS10GR	10.0 m	grey	L00005D0035	8,30	7,80	7,46
MP8FS15GR	15.0 m	grey	L00006D0078	11,57	10,87	10,40
MP8FS25GR	25.0 m	grey	L00006D0080	17,75	16,67	15,95
MP8FS50GR	50.0 m	grey	L00006D0081	33,15	31,14	29,79
MP8FS0,5RT	0.5 m	red	L00000D0075	2,55	2,39	2,29
MP8FS1RT	1.0 m	red	L00000D0080	2,87	2,70	2,58



→ Cat.5e, F/UTP, LSZH

Item:	Length:	Colour:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
J45SUTP3,0GR	3.0 m	grey	L00002D0080	4,53	4,25	4,07
J45SUTP5,0GR	3.0 m	grey	L00003D0030	6,16	5,78	5,53
J45SUTP7,5GR	7.5 m	grey	L00004D0041	7,65	7,19	6,88
J45SUTP10GR	10.0 m	grey	L00005D0035	9,52	8,94	8,55

Suitable for 1Gbit Transmissions!
Longer cables available on demand!

Cat.7, LSZH



Cat.7

double
shielded

halogen
free

Patch cable series MP8 FS 600

600 MHz configuration 1:1

Cat.7 S/FTP

pin/pair assignments according to EIA / TIA 568B

sheath LSZH = low smoke, zero halogen

>>> halogen-free, flame retardant <<<

Marking: TELEGÄRTNER S/FTP Cat.7 600MHz PATCH
CABLE LSZH IEC 60332-1 4x2xAWG27/7



Item:	Length:	Colour:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
MP8FS6GR0,5	0.5 m	grey	L00000A0072	3,11	2,92	2,79
MP8FS6GR1	1.0 m	grey	L00000A0081	3,40	3,20	3,06
MP8FS6GR2	2.0 m	grey	L00001A0084	4,17	3,92	3,75
MP8FS6GR3	3.0 m	grey	L00002A0112	5,02	4,71	4,51
MP8FS6GR5	5.0 m	grey	L00003A0055	6,79	6,38	6,10
MP8FS6GR7,5	7.5 m	grey	L00004A0054	8,88	8,34	7,98
MP8FS6GR10	10.0 m	grey	L00005A0027	10,95	10,29	9,84
MP8FS6GR15	15.0 m	grey	L00006A0033	13,88	13,04	12,48
MP8FS6GR25	25.0 m	grey	L00006A0034	20,82	19,56	18,71
MP8FS6GR50	50.0 m	grey	L00006A0035	41,63	39,10	37,41
MP8FS6RT0,5	0.5 m	red	L00000A0074	3,11	2,92	2,79
MP8FS6RT1	1.0 m	red	L00000A0083	3,40	3,20	3,06
MP8FS6RT2	2.0 m	red	L00001A0086	4,17	3,92	3,75
MP8FS6RT3	3.0 m	red	L00002A0114	5,02	4,71	4,51
MP8FS6RT5	5.0 m	red	L00003A0057	6,79	6,38	6,10
MP8FS6RT7,5	7.5 m	red	L00004A0056	8,88	8,34	7,98
MP8FS6RT10	10.0 m	red	L00005A0029	10,95	10,29	9,84
MP8FS6BL0,5	0.5 m	blue	L00000A0075	3,11	2,92	2,79
MP8FS6BL1	1.0 m	blue	L00000A0084	3,40	3,20	3,06
MP8FS6BL2	2.0 m	blue	L00001A0087	4,17	3,92	3,75
MP8FS6BL3	3.0 m	blue	L00002A0115	5,02	4,71	4,51
MP8FS6BL5	5.0 m	blue	L00003A0058	6,79	6,38	6,10
MP8FS6BL7,5	7.5 m	blue	L00004A0057	8,88	8,34	7,98
MP8FS6BL10	10.0 m	blue	L00005A0030	10,95	10,29	9,84
MP8FS6GE0,5	0.5 m	yellow	L00000A0076	3,11	2,92	2,79
MP8FS6GE1	1.0 m	yellow	L00000A0085	3,40	3,20	3,06
MP8FS6GE2	2.0 m	yellow	L00001A0088	4,17	3,92	3,75
MP8FS6GE3	3.0 m	yellow	L00002A0116	5,02	4,71	4,51
MP8FS6GE5	5.0 m	yellow	L00003A0059	6,79	6,38	6,10
MP8FS6GE7,5	7.5 m	yellow	L00004A0058	8,88	8,34	7,98
MP8FS6GE10	10.0 m	yellow	L00005A0031	10,95	10,29	9,84
MP8FS6GN0,5	0.5 m	green	L00000A0073	3,11	2,92	2,79



➔ **Cat.7, LSZH**

Item:	Length:	Colour:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
MP8FS6GN1	1.0 m	green	L00000A0082	3,40	3,20	3,06
MP8FS6GN2	2.0 m	green	L00001A0085	4,17	3,92	3,75
MP8FS6GN3	3.0 m	green	L00002A0113	5,02	4,71	4,51
MP8FS6GN5	5.0 m	green	L00003A0056	6,79	6,38	6,10
MP8FS6GN7,5	7.5 m	green	L00004A0055	8,88	8,34	7,98
MP8FS6GN10	10.0 m	green	L00005A0028	10,95	10,29	9,84
MP8FS6SW0,5	0.5 m	black	L00000A0077	3,11	2,92	2,79
MP8FS6SW1	1.0 m	black	L00000A0086	3,40	3,20	3,06
MP8FS6SW2	2.0 m	black	L00001A0089	4,17	3,92	3,75
MP8FS6SW3	3.0 m	black	L00002A0117	5,02	4,71	4,51
MP8FS6SW5	5.0 m	black	L00003A0060	6,11	5,74	5,49
MP8FS6SW7,5	7.5 m	black	L00004A0060	8,88	8,34	7,98
MP8FS6SW10	10.0 m	black	L00005A0032	10,95	10,29	9,84
MP8FS6WS0,5	0.5 m	white	L00000A0130	3,11	2,92	2,79
MP8FS6WS1	1.0 m	white	L00000A0131	3,40	3,20	3,06
MP8FS6WS2	2.0 m	white	L00001A0123	4,17	3,92	3,75
MP8FS6WS3	3.0 m	white	L00002A0141	5,02	4,71	4,51
MP8FS6WS5	5.0 m	white	L00003A0085	6,79	6,38	6,10
MP8FS6WS7,5	7.5 m	white	L00004A0071	8,88	8,34	7,98
MP8FS6WS10	10.0 m	white	L00005A0051	10,95	10,29	9,84

Suitable for 10GBit Transmissions!
Longer cables available on demand!

Cat.7, LSZH, 1x90° angled

Patch cable series MP8 FS 600
600 MHz configuration 1:1
Cat.7 S/FTP
pin/pair assignments according to EIA / TIA 568B
sheath LSZH = low smoke, zero halogen
space saving with one-side plug 90° angled

halogen free double shielded Cat.7 Telegärtner

>>> halogen-free, flame retardant <<<

Marking: TELEGÄRTNER S/FTP Cat.7 600MHz PATCH
CABLE LSZH IEC 60332-1 4x2xAWG27/7



Item:	Length:	Colour:	≥ 1	≥ 10	≥ 25
L00000A0189	0.5 m	grey	3,26	3,06	2,93
L00000A0192	1.0 m	grey	3,57	3,35	3,21
L00001A0154	1.5 m	grey	4,00	3,75	3,59
L00001A0155	2.0 m	grey	4,38	4,11	3,94
L00002A0173	3.0 m	grey	5,27	4,95	4,73
L00003A0119	5.0 m	grey	7,13	6,70	6,41
L00004A0109	7.5 m	grey	9,32	8,76	8,38
L00005A0080	10.0 m	grey	11,50	10,80	10,33

Suitable for 10GBit Transmissions!
Other colours and lengths available on demand!

Cat.7, LSZH, crossover



Cat.7

double
shieldedhalogen
free

Crossover configured patch cable for ethernet.

- ▶ Cat.7 LSZH
- ▶ 2 x RJ45 plug
- ▶ grey sheath with yellow strain reliefs
- ▶ S/FTP shielded



configuration: 1:3 / 2:6 / 3:1 / 4:5 / 5:4 / 6:2 / 7:8 / 8:7 / S:S

Item:	Length:	Telegärtner item-no.:	≥ 1	≥ 10	≥ 25
MP8FS6X0,5	0.5 m	L00000A0102	3,11	2,92	2,79
MP8FS6X1	1.0 m	L00000A0103	3,48	3,27	3,13
MP8FS6X2	2.0 m	L00001A0099	4,31	4,04	3,87
MP8FS6X3	3.0 m	L00002A0120	5,02	4,71	4,51
MP8FS6X5	5.0 m	L00003A0067	6,88	6,46	6,18
MP8FS6X7,5	7.5 m	L00004A0064	8,69	8,16	7,81
MP8FS6X10	10.0 m	L00005A0035	10,89	10,23	9,79

Cables up to 5 m length also available red coloured!

Patch Cables

Import

Cat.5e, S-FTP

Cat.5e

double
shielded

Patch Cable, double shielded (S-FTP), 2 x RJ45 plug

- ▶ 4x2xAWG26/7 Cat.5e according to ISO/IEC 11801, EN 50173, EIA/TIA 568 TSB 40
- ▶ configuration 1:1 nach T568 Version B
- ▶ Cat.5e, double shielded, S-FTP, 3P certified
- ▶ molded strain relief with length indication



Item:	Length:	Colour:	≥ 1	≥ 10	≥ 25
SFTP0,25GR	0.25 m	grey	0,58	0,51	0,48
SFTP0,5GR	0.5 m	grey	0,69	0,60	0,57
SFTP1GR	1.0 m	grey	0,84	0,73	0,70
SFTP2GR	2.0 m	grey	1,13	0,98	0,93
SFTP3GR	3.0 m	grey	1,45	1,26	1,20
SFTP5GR	5.0 m	grey	2,08	1,80	1,71
SFTP7GR	7.0 m	grey	2,67	2,32	2,20
SFTP10GR	10.0 m	grey	3,64	3,16	3,00
SFTP15GR	15.0 m	grey	5,17	4,49	4,27
SFTP20GR	20.0 m	grey	7,17	6,22	5,92
SFTP30GR	30.0 m	grey	9,75	8,47	8,05
SFTP50GR	50.0 m	grey	15,53	13,48	12,82



➔ Cat.5e, S-FTP

Item:	Length:	Colour:	≥ 1	≥ 10	≥ 25
SFTP0,25RT	0.25 m	red	0,58	0,51	0,48
SFTP0,5RT	0.5 m	red	0,69	0,60	0,57
SFTP1RT	1.0 m	red	0,84	0,73	0,70
SFTP2RT	2.0 m	red	1,13	0,98	0,93
SFTP3RT	3.0 m	red	1,45	1,26	1,20
SFTP5RT	5.0 m	red	2,08	1,80	1,71
SFTP7RT	7.0 m	red	2,67	2,32	2,20
SFTP10RT	10.0 m	red	3,64	3,16	3,00
SFTP0,25BL	0.25 m	blue	0,58	0,51	0,48
SFTP0,5BL	0.5 m	blue	0,69	0,60	0,57
SFTP1BL	1.0 m	blue	0,84	0,73	0,70
SFTP2BL	2.0 m	blue	1,13	0,98	0,93
SFTP3BL	3.0 m	blue	1,45	1,26	1,20
SFTP5BL	5.0 m	blue	2,08	1,80	1,71
SFTP7BL	7.0 m	blue	2,67	2,32	2,20
SFTP0,25GE	0.25 m	yellow	0,58	0,51	0,48
SFTP0,5GE	0.5 m	yellow	0,69	0,60	0,57
SFTP1GE	1,0m	yellow	0,84	0,73	0,70
SFTP2GE	2.0 m	yellow	1,13	0,98	0,93
SFTP3GE	3.0 m	yellow	1,45	1,26	1,20
SFTP5GE	5.0 m	yellow	2,08	1,80	1,71
SFTP7GE	7.0 m	yellow	2,67	2,32	2,20
SFTP0,25GN	0.25 m	green	0,58	0,51	0,48
SFTP0,5GN	0.5 m	green	0,69	0,60	0,57
SFTP1GN	1.0 m	green	0,84	0,73	0,70
SFTP2GN	2.0 m	green	1,13	0,98	0,93
SFTP3GN	3.0 m	green	1,45	1,26	1,20
SFTP5GN	5.0 m	green	2,08	1,80	1,71
SFTP7GN	7.0 m	green	2,67	2,32	2,20
SFTP10GN	10.0 m	green	3,64	3,16	3,00
SFTP0,25SW	0.25 m	black	0,58	0,51	0,48
SFTP0,5SW	0.5 m	black	0,69	0,60	0,57
SFTP1SW	1.0 m	black	0,84	0,73	0,70
SFTP2SW	2.0 m	black	1,13	0,98	0,93
SFTP3SW	3.0 m	black	1,45	1,26	1,20
SFTP5SW	5.0 m	black	2,08	1,80	1,71
SFTP0,5WS	0.5 m	white	0,69	0,60	0,57
SFTP1WS	1.0 m	white	0,84	0,73	0,70
SFTP2WS	2.0 m	white	1,13	0,98	0,93
SFTP3WS	3.0 m	white	1,45	1,26	1,20
SFTP5WS	5.0 m	white	2,08	1,80	1,71

Suitable for 1Gbit Transmissions!



Cat.6, PiMF, SSTP

Cat.6

PiMF

double
shielded

Patch cable with foil and braid screening (SSTP), 2 x RJ45 plug

- ▶ PiMF-Cable 4x2xAWG26/7 Cat. 6
- ▶ configuration 1:1 according to TIA/EIA 568 B
- ▶ molded strain relief with length indication



Item:	Length:	Colour:	≥ 1	≥ 10	≥ 25
F6TP0,25GR	0.25 m	grey	0,90	0,64	0,58
F6TP0,5GR	0.5 m	grey	1,01	0,72	0,65
F6TP1GR	1.0 m	grey	1,43	1,02	0,92
F6TP2GR	2.0 m	grey	1,92	1,37	1,23
F6TP3GR	3.0 m	grey	2,59	1,85	1,67
F6TP5GR	5.0 m	grey	4,07	2,91	2,62
F6TP7GR	7.0 m	grey	5,04	3,60	3,24
F6TP10GR	10.0 m	grey	6,97	4,98	4,48
F6TP15GR	15.0 m	grey	10,16	7,26	6,53
F6TP20GR	20.0 m	grey	12,91	9,22	8,30
F6TP0,5RT	0.5 m	red	1,01	0,72	0,65
F6TP1RT	1.0 m	red	1,43	1,02	0,92
F6TP2RT	2.0 m	red	1,92	1,37	1,23
F6TP3RT	3.0 m	red	2,59	1,85	1,67
F6TP5RT	5.0 m	red	4,07	2,91	2,62
F6TP7RT	7.0 m	red	5,04	3,60	3,24
F6TP10RT	10.0 m	red	6,97	4,98	4,48
F6TP15RT	15.0 m	red	10,16	7,26	6,53
F6TP20RT	20.0 m	red	12,91	9,22	8,30
F6TP0,5BL	0.5 m	blue	1,01	0,72	0,65
F6TP1BL	1.0 m	blue	1,43	1,02	0,92
F6TP2BL	2.0 m	blue	1,92	1,37	1,23
F6TP3BL	3.0 m	blue	2,59	1,85	1,67
F6TP5BL	5.0 m	blue	4,07	2,91	2,62
F6TP7BL	7.0 m	blue	5,04	3,60	3,24
F6TP10BL	10.0 m	blue	6,97	4,98	4,48
F6TP15BL	15.0 m	blue	10,16	7,26	6,53
F6TP20BL	20.0 m	blue	12,91	9,22	8,30
F6TP0,5GE	0.5 m	yellow	1,01	0,72	0,65
F6TP1GE	1.0 m	yellow	1,43	1,02	0,92
F6TP2GE	2.0 m	yellow	1,92	1,37	1,23
F6TP3GE	3.0 m	yellow	2,59	1,85	1,67
F6TP5GE	5.0 m	yellow	4,07	2,91	2,62
F6TP7GE	7.0 m	yellow	5,04	3,60	3,24
F6TP10GE	10.0 m	yellow	6,97	4,98	4,48
F6TP15GE	15.0 m	yellow	10,16	7,26	6,53
F6TP20GE	20.0 m	yellow	12,91	9,22	8,30
F6TP0,5GN	0.5 m	green	1,01	0,72	0,65
F6TP1GN	1.0 m	green	1,43	1,02	0,92
F6TP2GN	2.0 m	green	1,92	1,37	1,23
F6TP3GN	3.0 m	green	2,59	1,85	1,67



➔ **Cat.6, PiMF, SSTP**

Item:	Length:	Colour:	≥ 1	≥ 10	≥ 25
F6TP5GN	5.0 m	green	4,07	2,91	2,62
F6TP7GN	7.0 m	green	5,04	3,60	3,24
F6TP10GN	10.0 m	green	6,97	4,98	4,48
F6TP15GN	15.0 m	green	10,16	7,26	6,53
F6TP20GN	20.0 m	green	12,91	9,22	8,30
F6TP0,5SW	0.5 m	black	1,01	0,72	0,65
F6TP1SW	1.0 m	black	1,43	1,02	0,92
F6TP2SW	2.0 m	black	1,92	1,37	1,23
F6TP3SW	3.0 m	black	2,59	1,85	1,67
F6TP5SW	5.0 m	black	4,07	2,91	2,62
F6TP7SW	7.0 m	black	5,04	3,60	3,24
F6TP10SW	10.0 m	black	6,97	4,98	4,48
F6TP15SW	15.0 m	black	10,16	7,26	6,53
F6TP20SW	20.0 m	black	12,91	9,22	8,30

Cat.7, PiMF, SSTP

Patch cable with foil and braid screening (SSTP), 2 x RJ45 plug

double shielded

PiMF

Cat. 7

- ▶ PiMF-Cable 4x2xAWG26/7 Cat. 7
- ▶ configuration 1:1 according to TIA/EIA 568 B
- ▶ molded strain relief with length indication
- ▶ 3µ" gold-plated plug
- ▶ halogen free jacket



Item:	Length:	Colour:	≥ 1	≥ 10	≥ 25
F7TP0,25GR	0.25 m	grey	1,61	1,15	1,03
F7TP0,5GR	0.5 m	grey	1,57	1,12	1,01
F7TP1GR	1.0 m	grey	2,05	1,47	1,32
F7TP2GR	2.0 m	grey	3,35	2,39	2,15
F7TP3GR	3.0 m	grey	3,87	2,77	2,49
F7TP5GR	5.0 m	grey	7,12	5,08	4,57
F7TP7GR	7.0 m	grey	7,21	5,15	4,63
F7TP10GR	10.0 m	grey	12,18	8,70	7,83
F7TP15GR	15.0 m	grey	14,32	10,23	9,21
F7TP20GR	20.0 m	grey	18,75	13,39	12,05

Cat.5e, FTP, crossover

Cat.5e

- ▶ configuration: 1:3 / 2:6 / 3:1 / 4:4 / 5:5 / 6:2 / 7:7 / 8:8
- ▶ 2 x RJ45 plug, bend protection



Item:	Length:	Colour:	≥ 1	≥ 10	≥ 25
RJ45F0,5C/GR	0.5 m	grey	0,67	0,58	0,55
RJ45F1C/GR	1.0 m	grey	0,80	0,69	0,66
RJ45F2C/GR	2.0 m	grey	1,06	0,92	0,88
RJ45F3C/GR	3.0 m	grey	1,38	1,19	1,14
RJ45F5C/GR	5.0 m	grey	1,92	1,66	1,58
RJ45F10C/GR	10.0 m	grey	3,29	2,85	2,71

Suitable for 1GBit Transmissions!

Cat.5e, FTP, Extension

Cat.5e

- ▶ economical and simple patch cable extension
- ▶ RJ45 plug - RJ45 coupler
- ▶ configuration 1:1
- ▶ Cat.5e FTP
- ▶ supersedes shielded modular-adaptor
- ▶ just one mechanical interface between patch cable and extension
- ▶ length indicated on the cable
- ▶ other lengths, colours or configurations available on demand



Item:	Length:	Colour:	≥ 1	≥ 5	≥ 10
FTPV2GR	2.0 m	grey	3,79	3,42	3,24
FTPV5GR	5.0 m	grey	5,36	4,83	4,59
FTPV20GR	20.0 m	grey	6,59	5,94	5,64
FTPV30GR	30.0 m	grey	8,57	7,73	7,34

Patch Panels

19" - Premium Line



*premium
line*

19" - Premium Line

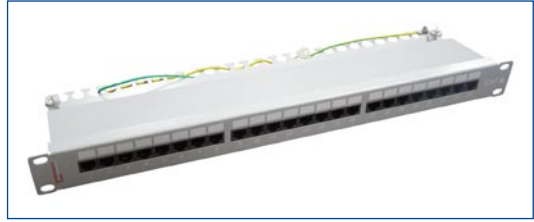
19" 1HU patch panels with RJ-45 jacks for rack mount

Cat.6

- ▶ conforms to Gigabit Ethernet requirements, Cat.6
- ▶ supports T568A and T568B wiring for easy installation
- ▶ IDC connector accepts 26 to 22 AWG solid and stranded cables
- ▶ UL/cUL listed

Cat.6

premium line



24 Ports

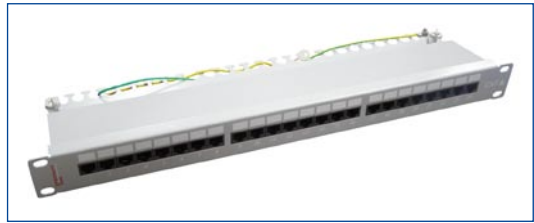
Item:	Terminals:	Version:	Colour:	RAL-Code:	≥ 1	≥ 5	≥ 10
P176212419	24 Ports	shielded	lichtgrau	RAL 7035	38,40	37,20	35,52

Cat.5e

- ▶ conforms to Gigabit Ethernet requirements, Cat.5e
- ▶ supports T568A and T568B wiring for easy installation
- ▶ IDC connector accepts 26 to 22 AWG solid and stranded cables
- ▶ UL/cUL listed

Cat.5e

premium line



24 Ports

Item:	Terminals:	Version:	Colour:	RAL-Code:	≥ 1	≥ 5	≥ 10
P175212419	24 Ports	shielded	light grey	RAL 7035	32,10	31,09	29,69

ISDN Cat.3

- ▶ designed for ISDN telecommunication, Cat.3
- ▶ termination by Krone terminal blocks

Cat.3

premium line



50 Ports



25 Ports

Item:	Terminals:	Version:	Colour:	RAL-Code:	≥ 1	≥ 5	≥ 10
P173112519	25 Ports	unshielded	light grey	RAL 7035	24,59	23,82	22,75
P173115019	50 Ports	unshielded	light grey	RAL 7035	33,47	32,43	30,96

unpopulated

**premium
line**

▶ unloaded for use with keystone jacks



24 Ports

Item:	Terminals:	Version:	Colour:	≥ 1	≥ 5	≥ 10
P170022402	24 Ports	unloaded	black	11,18	10,83	10,35

Patch Panels

19" - Telegärtner

Cat.5e, LSA+



Cat.5e



- ▶ Panel with 16 or 24 RJ45 jacks
- ▶ Housing made of sheet steel, light grey RAL 7035
- ▶ horizontally mounted PCB with LSA Plus terminals
- ▶ wires are user-friendly applied by pairs
- ▶ large contact spot for screening with economical fixing by cable ties
- ▶ separate cable strain relief
- ▶ quick-locking cover made of stainless steel
- ▶ enclosed earth connection cable
- ▶ shielded

Item:	Description:	Telegärtner item-no.:	≥ 1	≥ 3	≥ 5
C5E24HS	24 x RJ45	J02023B0017	70,53	65,76	63,64

Cat.6A

Cat.6_A

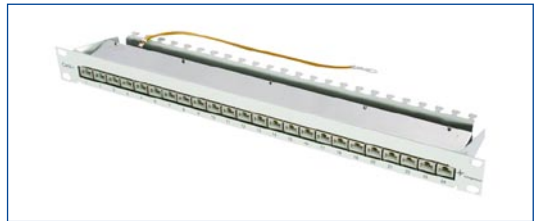


19" rack mount unit 1 HU with 16 or 24 RJ45 jacks assembled on one common PCB. 2-connector channel class E_A according to ISO/IEC 11801 Edition 2 Appendix 1 as well as Cat.6_A according to TIA/EIA 568-B.2-10 draft 7. Suitable for at least 750 connecting cycles with RJ11/12/45 plugs. Suitable for data transmission ratios up to 10 Gigabit Ethernet according to IEEE 802.3an. Suitable for the 8 wire transmission of all presently known data networks:

10 Base T(Ethernet), Token Ring, 100 Base T(Fast Ethernet), 1000 Base T Gigabit Ethernet, 100 Base VG, TP-PMD (FDDI by Cu), ATM(155Mbit/s). Shielded types EMV-certified according to EN 50081-2 and 50082-2 for industrial applications. PCB mounted horizontally and insulated against the frame, therefore suitable for intermediate distribution frames as well as grounding in main distribution frames using the enclosed earth connection cable. Housing is made of steel and powder-laminated in light grey (RAL 7035), the cover is made of stainless steel.



16x



24x

Enables „Mix & Match“ with other manufacturers' RJ45 connectors.

Item:	Description:	Telegärtner item-no.:	≥ 1	≥ 3	≥ 5
MVR16HS	16 x RJ45	J02022A0050	75,22	70,13	67,87
MVR24HS	24 x RJ45	J02023A0050	96,39	89,86	86,96

Patch Panels

Miniature - Telegärtner

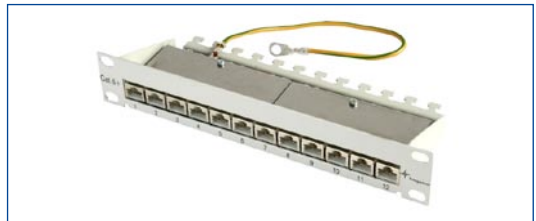
10", Cat.6A

Cat.6_A



Just like the established 19"-panels, also the new mini patch panels allow for the transmission of 10 Gigabit-Ethernet.

- ▶ Cat.6A
- ▶ with 12 x RJ45 jacks
- ▶ also suitable for RJ11 and RJ12 plugs
- ▶ safe and simple termination by LSA Plus terminals
- ▶ no special tools required for mounting



Item:	Description:	Telegärtner item-no.:	≥ 1	≥ 3	≥ 5
MPP12HS	12 x RJ45	J02022A0057	65,98	61,52	59,53

Cat.6A

Cat.6_A

6x



12x

Networks which have a small number of participants require simple and cost-effective distributors without 19" racks and separate EDP rooms. For this purpose a distributor has been developed which is suitable as a cable distributor or as a connection device for groups of participants at their workdesk. Up to 12 participants can be connected using shielded or unshielded installation cabling. The cables can be led into the housing from behind or from below; the distributor can be affixed to the wall, in a cable duct or simply placed on to the desk.

- ▶ Cat.6_A
- ▶ 6 or 12 modular jacks RJ45
- ▶ also suitable for RJ11 and RJ12 plugs
- ▶ Transmission up to 250 MHz 4P
- ▶ Colour light grey RAL 7035

Item:	Description:	Telegärtner item-no.:	≥ 1	≥ 3	≥ 5
J02021A0050	6 x RJ45, shielded, alpine white	J02021A0050	43,85	41,19	39,41
MPD6HS	6 x RJ45, shielded, light grey RAL 7035	J02021A0051	43,85	41,19	39,41
J02022A0052	12 x RJ45, shielded, alpine white	J02022A0052	79,33	74,50	71,29
MPD12HS	12 x RJ45, shielded, light grey RAL 7035	J02022A0053	79,33	74,50	71,29
EST4	grounding kit (Kabel,Schraube,Fächerscheibe)	L00040A0009	1,52	1,43	1,37

Patch Panels

Miniature

Cat.5e

Cat.5e

RJ45, fully shielded, LSA Plus terminals, suitable as table top unit or wall-mounted.



Item:	Description:	≥ 1	≥ 3	≥ 5
PP8	8 x RJ45	13,55	13,12	12,24

RJ45

- ▶ testing of cables with RJ45 connectors
- ▶ testing for continuity, assignment and pairing
- ▶ main unit with 2 x RJ45 jacks, remote unit with 1 x RJ45 jack
- ▶ the remote unit allows for testing of already installed cables
- ▶ delivered including leatherette bag



Item:	Description:	≥ 1	≥ 3	≥ 5
LT04	Modular Cable Tester, RJ45	25,87	24,12	23,34

Premium, RJ45 / BNC

- ▶ testing of cables with RJ45/11 UTP and BNC connectors, patch panels and outlets
- ▶ BNC adaptor for testing of coaxial cables
- ▶ manually oder automatically testing
- ▶ testing for continuity, assignment, shielding and pairing according to EIA/TIA 356A/ 568A/ 568B/ Token Ring
- ▶ main unit with 2 x RJ45 jacks, remote unit with 1 x RJ45 jack
- ▶ the remote unit allows for testing of already installed cables
- ▶ delivered including leatherette bag and BNC adaptor



▶ **Function:**

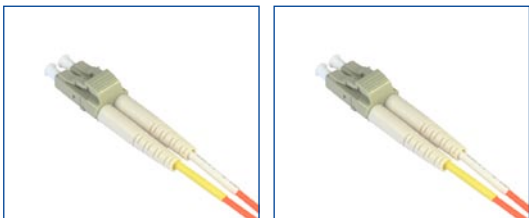
- RJ 45:** Yes
- Coaxial:** Yes
- Masterdisplay:** Yes
- Remote Display:** Yes
- Wire Mapping:** Yes
- Master unit testing only:** Yes
- Shield/Ground Test:** Yes

Item:	Description:	≥ 1	≥ 3	≥ 5
LT07	Premium network tester	34,85	32,49	31,44



LC / LC Duplex

LIGHTSPEED

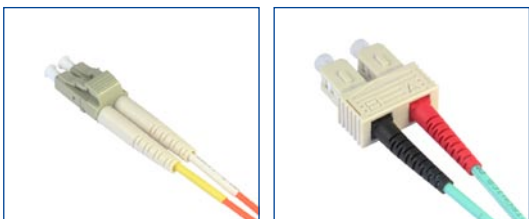


- LWL Patchcord
- ▶ 2 x LC with clamp - 2 x LC with clamp
 - ▶ duplex, multimode

Item:	Version:	Length:	≥ 1	≥ 5	≥ 10
LCLC50DOR1	OM2, 50/125 µm	1 m	7,21	6,98	6,51
LCLC50DOR2	OM2, 50/125 µm	2 m	7,91	7,65	7,14
LCLC50DOR3	OM2, 50/125 µm	3 m	8,60	8,33	7,77
LCLC62DOR1	OM1, 62.5/125 µm	1 m	7,21	6,98	6,51
LCLC62DOR2	OM1, 62.5/125 µm	2 m	7,91	7,65	7,14
LCLC62DOR3	OM1, 62.5/125 µm	3 m	8,60	8,33	7,77

LC / SC Duplex

LIGHTSPEED



- LWL adaptor cord
- ▶ 2 x LC with clamp - 2 x SC with clamp
 - ▶ duplex, multimode

Item:	Version:	Length:	≥ 1	≥ 5	≥ 10
LCSC50DOR1	OM2, 50/125 µm	1 m	6,12	5,93	5,53
LCSC50DOR2	OM2, 50/125 µm	2 m	6,82	6,60	6,16
LCSC50DOR3	OM2, 50/125 µm	3 m	7,52	7,28	6,79
LCSC62DOR1	OM1, 62.5/125 µm	1 m	6,12	5,93	5,53
LCSC62DOR2	OM1, 62.5/125 µm	2 m	6,82	6,60	6,16
LCSC62DOR3	OM1, 62.5/125 µm	3 m	7,52	7,28	6,79

LC / ST Duplex

LIGHTSPEED



- LWL adaptor cord
- ▶ 2 x LC with clamp - 2 x ST
 - ▶ duplex, multimode

Item:	Version:	Length:	≥ 1	≥ 5	≥ 10
LCST50DOR1	OM2, 50/125 µm	1 m	6,12	5,93	5,53
LCST50DOR2	OM2, 50/125 µm	2 m	6,82	6,60	6,16
LCST50DOR3	OM2, 50/125 µm	3 m	7,52	7,28	6,79
LCST62DOR1	OM1, 62.5/125 µm	1 m	6,12	5,93	5,53
LCST62DOR2	OM1, 62.5/125 µm	2 m	6,82	6,60	6,16
LCST62DOR3	OM1, 62.5/125 µm	3 m	7,52	7,28	6,79

MTRJ / MTRJ Duplex

LWL patchcord

- ▶ MTRJ - MTRJ
- ▶ duplex, multimode

LIGHTSPEED



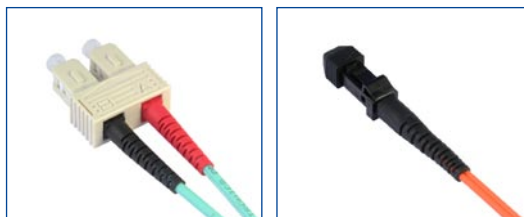
Item:	Version:	Length:	≥ 1	≥ 5	≥ 10
MTMT500R1	OM2, 50/125 µm	1 m	6,05	5,85	5,46
MTMT500R2	OM2, 50/125 µm	2 m	6,74	6,53	6,09
MTMT500R3	OM2, 50/125 µm	3 m	7,44	7,20	6,72
MTMT620R1	OM1, 62.5/125 µm	1 m	6,05	5,85	5,46
MTMT620R2	OM1, 62.5/125 µm	2 m	6,74	6,53	6,09
MTMT620R3	OM1, 62.5/125 µm	3 m	7,44	7,20	6,72

SC / MTRJ Duplex

LWL adaptor cord

- ▶ 2 x LC with clamp - MTRJ
- ▶ duplex, multimode

LIGHTSPEED



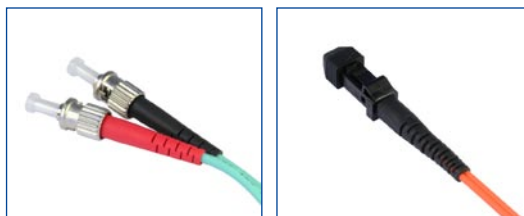
Item:	Version:	Length:	≥ 1	≥ 5	≥ 10
MTSC500R1	OM2, 50/125 µm	1 m	5,97	5,78	5,39
MTSC500R2	OM2, 50/125 µm	2 m	6,51	6,30	5,88
MTSC500R3	OM2, 50/125 µm	3 m	7,05	6,83	6,37
MTSC620R1	OM1, 62.5/125 µm	1 m	5,97	5,78	5,39
MTSC620R2	OM1, 62.5/125 µm	2 m	6,51	6,30	5,88
MTSC620R3	OM1, 62.5/125 µm	3 m	7,05	6,83	6,37

ST / MTRJ Duplex

LWL adaptor cord

- ▶ 2 x ST - MTRJ
- ▶ duplex, multimode

LIGHTSPEED



Item:	Version:	Length:	≥ 1	≥ 5	≥ 10
MTST500R1	OM2, 50/125 µm	1 m	5,97	5,78	5,39
MTST500R2	OM2, 50/125 µm	2 m	6,51	6,30	5,88
MTST500R3	OM2, 50/125 µm	3 m	7,05	6,83	6,37
MTST620R1	OM1, 62.5/125 µm	1 m	5,97	5,78	5,39
MTST620R2	OM1, 62.5/125 µm	2 m	6,51	6,30	5,88
MTST620R3	OM1, 62.5/125 µm	3 m	7,05	6,83	6,37

LC / MTRJ Duplex

LIGHTSPEED

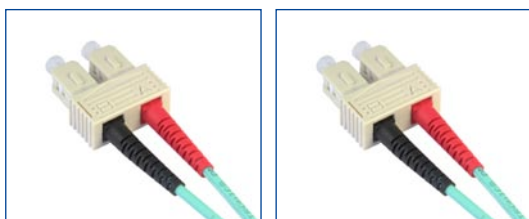


- LWL adaptor cord
- ▶ 2 x LC with clamp - MTRJ
 - ▶ duplex, multimode

Item:	Version:	Length:	≥ 1	≥ 5	≥ 10
MTLC50OR1	OM2, 50/125 µm	1 m	6,59	6,38	5,95
MTLC50OR2	OM2, 50/125 µm	2 m	7,29	7,05	6,58
MTLC50OR3	OM2, 50/125 µm	3 m	7,98	7,73	7,21
MTLC62OR1	OM1, 62.5/125 µm	1 m	6,59	6,38	5,95
MTLC62OR2	OM1, 62.5/125 µm	2 m	7,29	7,05	6,58
MTLC62OR3	OM1, 62.5/125 µm	3 m	7,98	7,73	7,21

SC / SC Duplex

LIGHTSPEED



- LWL patchcord
- ▶ 2 x SC with clamp - 2 x SC with clamp
 - ▶ duplex, multimode

Item:	Version:	Length:	≥ 1	≥ 5	≥ 10
SCSC50DOR1	OM2, 50/125 µm	1 m	5,12	4,95	4,62
SCSC50DOR2	OM2, 50/125 µm	2 m	5,66	5,48	5,11
SCSC50DOR3	OM2, 50/125 µm	3 m	6,36	6,15	5,74
SCSC62DOR1	OM1, 62.5/125 µm	1 m	5,12	4,95	4,62
SCSC62DOR2	OM1, 62.5/125 µm	2 m	5,66	5,48	5,11
SCSC62DOR3	OM1, 62.5/125 µm	3 m	6,36	6,15	5,74

SC / ST Duplex

LIGHTSPEED



- LWL adaptor cord
- ▶ 2 x SC with clamp - 2 x ST
 - ▶ duplex, multimode

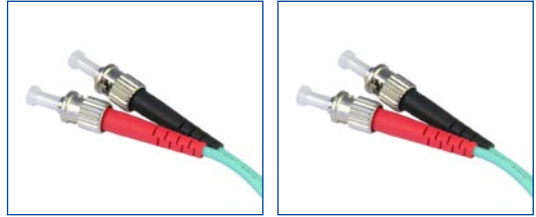
Item:	Version:	Length:	≥ 1	≥ 5	≥ 10
SCST50DOR1	OM2, 50/125 µm	1 m	5,12	4,95	4,62
SCST50DOR2	OM2, 50/125 µm	2 m	5,66	5,48	5,11
SCST50DOR3	OM2, 50/125 µm	3 m	6,36	6,15	5,74
SCST62DOR1	OM1, 62.5/125 µm	1 m	5,12	4,95	4,62
SCST62DOR2	OM1, 62.5/125 µm	2 m	5,66	5,48	5,11
SCST62DOR3	OM1, 62.5/125 µm	3 m	6,36	6,15	5,74

ST / ST Duplex

LWL patchcord



- ▶ 2 x ST - 2 x ST
- ▶ duplex, multimode



Item:	Version:	Length:	≥ 1	≥ 5	≥ 10
STST50DOR1	OM2, 50/125 µm	1 m	5,27	5,10	4,76
STST50DOR2	OM2, 50/125 µm	2 m	5,97	5,78	5,39
STST50DOR3	OM2, 50/125 µm	3 m	6,67	6,45	6,02
STST62DOR1	OM1, 62.5/125 µm	1 m	5,27	5,10	4,76
STST62DOR2	OM1, 62.5/125 µm	2 m	5,97	5,78	5,39
STST62DOR3	OM1, 62.5/125 µm	3 m	6,67	6,45	6,02

Telephone
Connecting Cables

TAE-F, Modular Plug 6/4

TAE plug, type F - modular plug 6/4

Assignment A suitable for e.g.: Siemens, Panasonic, Telekom, Alcatel, B&O, Telco, AT&T, Bosch, Loewe/ Binatone

TAE Mod. 1 ----- 5 2 ----- 2 3 ----- 4 4 ----- 3	TAE Mod. 1 ----- 3 2 ----- 4 3 ----- 5 4 ----- 2	
Type A	standard	

Item:	Length:	Assignment:	≥ 1	≥ 10	≥ 50
TAEF/MO3	3 m	standard or international	0,58	0,50	0,47
TAEF/MO6	6 m	standard or international	0,76	0,66	0,62
TAEF/MO10	10 m	standard or international	1,51	1,31	1,23
TAEF/MO3A	3 m	A	0,67	0,62	0,59

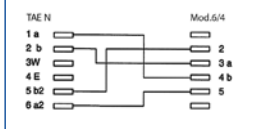
TAE-N, Modular Plug 6/2

TAE plug, type N - modular plug 6/2

(bridge from pin 1 to pin 6 and from pin 2 to pin 5 within the TAE plug)

TAE Mod. 	
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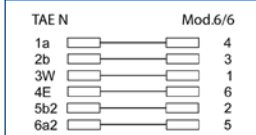
Item:	Length:	≥ 1	≥ 10	≥ 50
TAEN/MO3	3 m	0,51	0,45	0,42
TAEN/MO10	10 m	1,09	0,95	0,89

TAE-N, Modular Plug 6/4

TAE plug, type N - modular plug 6/4

4 wire for imported answering machines or fax

Item:	Length:	≥ 1	≥ 10	≥ 50
TAEN3M	3 m	0,74	0,64	0,61
TAEN6M	6 m	1,09	0,95	0,90
TAEN10M	10 m	1,58	1,37	1,30

TAE-N, Modular Plug 6/6

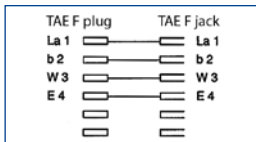
TAE plug, type N - modular plug 6/6

6 wire, TAE plug reassignable

Item:	Length:	≥ 1	≥ 10	≥ 50
TAEN/MO6/3	3 m	0,65	0,60	0,57
TAEN/MO6/6	6 m	0,89	0,82	0,79

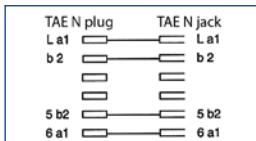
Telephone

Extension Cables

TAE-F

unshielded, TAE plug - TAE jack, type F, 4 wire

Item:	Length:	Colour:	≥ 1	≥ 10	≥ 50
VKTAEF3	3 m	black	0,77	0,71	0,68
VKTAEF6	6 m	black	1,01	0,92	0,89
VKTAEF10	10 m	black	1,36	1,24	1,20

TAE-N

unshielded, TAE plug - TAE jack, type N, 4 wire

Item:	Length:	Colour:	≥ 1	≥ 10	≥ 50
VKTAEN3	3 m	black	0,77	0,71	0,68
VKTAEN6	6 m	black	1,01	0,92	0,89
VKTAEN10	10 m	black	1,32	1,21	1,16

TAE-NFN

TAE plug, type F - TAE outlet, type NFN and modular jack 6/4 (RJ11)



Item:	Length:	≥ 1	≥ 10	≥ 50
TAEF1S02	0.2 m	1,43	1,32	1,26
TAEF1S3	3.0 m	1,81	1,66	1,60

Telephone Handset Cables

Coil Cord

modular plug 4/4 - modular plug 4/4

Mod. Mod.
1 ----- 4
2 ----- 3
3 ----- 2
4 ----- 1



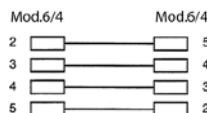
Item:	Length:	≥ 1	≥ 10	≥ 50
TK4/4S	2 m	0,36	0,32	0,29

Telephone Connecting Cables

Modular Plug 6/4

modular plug 6/4 - modular plug 6/4

flat cable



Item:	Length:	Colour:	≥ 1	≥ 10	≥ 50
TKF6/4SW3	3 m	black	0,29	0,26	0,25
TKF6/4SW6	6 m	black	0,50	0,45	0,43
TKF6/4SW10	10 m	black	0,94	0,85	0,82
TKF6/4SW15	15 m	black	1,39	1,27	1,22

Modular Plug 6/6, Wiring 1:1

modular plug 6/6 - modular plug 6/6

flat cable

Assignment
1 — 1
2 — 2
3 — 3
4 — 4
5 — 5
6 — 6



Item:	Length:	Colour:	≥ 1	≥ 10	≥ 50
TKF6/6SW3	3 m	black	0,43	0,39	0,37
TKF6/6SW6	6 m	black	0,69	0,62	0,60
TKF6/6SW10	10 m	black	1,08	0,98	0,94

100m-Rings



unshielded

stranded wire, sheath colour: black

minimum order quantity: 1 PU = 100 m ring

Item:	No. of contacts:	≥ 100	≥ 300	≥ 500
TRK4SW	4	0,203	0,177	0,168
TRK6SW	6	0,242	0,210	0,200

Telephone
Outlets

TAE-NF/F

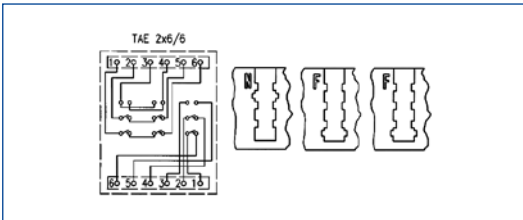


TAE3X6NFF/AP



TAE3X6NFF/UP

3x, for two telephones, one of them connected to another device



Item:	Mounting:	≥ 1	≥ 5	≥ 10
TAE3X6NFF/AP	surface	1,55	1,36	1,31
TAE3X6NFF/UP	flush	1,85	1,63	1,56

TAE-NFN

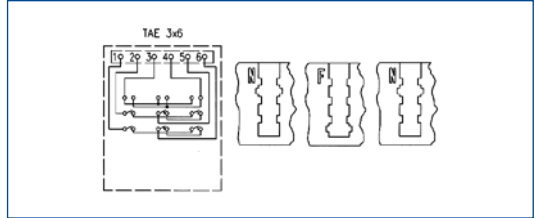
3x, for one telephone with two other devices



TAE3X6NFN/UP



TAE3X6NFN/AP



Item:	Mounting:	≥ 1	≥ 5	≥ 10
TAE3X6NFN/AP	surface	1,46	1,29	1,24
TAE3X6NFN/UP	flush	1,76	1,55	1,49

Switches and Splitters for Computer Peripherals
Data Switches

Information

Data Switches

for better utilization of present hardware and therefore higher efficiency of the EDP equipment. These data switches feature easy operation at favourable prices. Desired devices are addressed by switching, with no need to replug the cables. Thus 2 to 4 devices or computers can be connected to each other. All ports function as input as well as output.

RS-232



Item:	jacks:	Switching:	≥ 1	≥ 5	≥ 10
DS9/4	5 x SUB-D 9 pin	1 : 4	10,55	9,28	8,69

USB 2.0



US221



US421

This switch allows for the connection of one USB device to 2 or 4 computers

- ▶ Port selection by front panel pushbuttons or via hotkeys
- ▶ Hot plug & play
- ▶ Powered by USB jack

- ▶ **Terminals:**
- Computers:** USB B Jacks
- Device:** USB A Jack

Item:	Description:	≥ 1	≥ 3	≥ 5
US221	1 USB device at 2 computers	13,04	12,51	12,08
US421	1 USB device at 4 computers	19,43	18,64	18,01

Switches and Splitters for Computer Peripherals

Computer Sharing Devices - ATEN

USB



- ▶ Single computer is shared by two USB consoles
- ▶ Supports USB and PS/2 computers
- ▶ Multiplatform support (Windows, Mac, Unix, Linux)
- ▶ Manual or Auto console selection
- ▶ Supports VGA, SVGA Multisync monitors
- ▶ Supports Windows 2000/XP/Vista, Linux, Mac and Unix

Delivered including power supply, firmware upgrade cable and USB KVM cable.

- ▶ **Specification:**
- Terminals Consoles:**
- Keyboard:** USB A Jack (white)
- Mouse:** USB A Jack (white)
- Video:** 15 pin DSUB-HD Jack (blue)

- Terminal Computer:**
- Keyboard / Mouse / Video:** 15 pin DSUB-HD Jack (green)

- other Terminals:**
- Firmware upgrade:** 6P4C Modular Jack (black)
- Power supply:** DC-socket (black)

- max. Resolution:** 1920 x 1440
- Housing:** metal

Item:	Description:	Dimensions:	Weight:	incl. USB cable sets:	≥ 1	≥ 3	≥ 5
CS231	2 Users at 1 PC	143 x 87 x 55 mm	560 g	1 x 1.8 m	107,63	103,25	99,75

PS/2



Compact designed desktop PC switches allow for control of 2, 4 or 8 PC via just one console (mouse, keyboard and monitor), item CS88A with on-screen-display (OSD).

Items CS82A and CS84A delivered including PS/2 KVM cables.

Additional USB KVM cables are also available.

► **Specification:**

Terminal Console:

- Mouse:** 6 pin Mini-DIN Jack (green)
- Keyboard:** 6 pin Mini-DIN Jack (purple)
- Monitor:** 15 pin DSUB-HD Jack (blue)

Terminals PCs:

- Mouse:** 6 pin Mini-DIN Jack (green)
- Keyboard:** 6 pin Mini-DIN Jack (purple)
- Monitor:** 15 pin DSUB-HD Plug (blue)

max. Resolution: 1920 x 1440 (2 or 4 PCs)
2048 x 1536 (8 PCs)

Housing: metal



CS82A



CS84A



CS88A

Item:	Description:	Dimensions:	Weight:	incl. PS/2 cable sets:	≥ 1	≥ 3	≥ 5
CS82A	1 User at 2 PCs	142 x 85 x 55 mm	420 g	2 x 1.2 m	24,60	23,60	22,80
CS84A	1 User at 4 PCs	210 x 85 x 55 mm	640 g	2 x 1.2 m and 2 x 1.8 m	39,11	37,52	36,25
CS88A	1 User at 8 PCs	450 x 170 x 65 mm	2850 g	-	133,21	127,79	123,46



USB



CS1732



CS1732

KVM USB switch including audio and 2-port USB hub allows for simultaneous and independent switching of 2 or 4 computers as well as 2 other USB devices with just one KVM console. No software required for installation.

- ▶ OSD (on screen display)
- ▶ Auto-scan at all ports
- ▶ Keyboard and mouse emulation for error free booting
- ▶ hot pluggable
- ▶ Supports WinXP, Win2000, Vista, Mac, Linux and SUN

Delivered including power supply, firmware upgrade cable and USB KVM cables.

Additional PS/2 KVM cables also available.

▶ **Specification:**

Terminal Console:

Keyboard: USB A Jack (black)

Mouse: USB A Jack (black)

Video: 15 pin DSUB-HD Jack (blue)

Loudspeaker: 2 x 3.5mm stereo Jack (green)

Microphone: 2 x 3.5mm stereo Jack (pink)

Terminals PCs:

Keyboard / Mouse / 15 pin DSUB-HD Jack (yellow)

Video:

Loudspeaker: 3.5mm stereo Jack (green)

Microphone: 3.5mm stereo Jack (pink)

other Terminals:

USB Hub: 2 x USB A Jack (white)

Power supply: DC Jack

Firmware upgrade: 3.5mm 4 pin Jack (black)

max. Resolution: 2048 x 1536; DDC2B

Housing: metal

Item:	Description:	Dimensions:	Weight:	incl. USB cable sets:	≥ 1	≥ 3	≥ 5
CS1732	1 User at 2 PC	140 x 87 x 55 mm	550 g	2 x 1.2 m	68,51	65,73	63,50
CS1734	1 User at 4 PC	210 x 87 x 55 mm	780 g	2 x 1.2 m and 2 x 1.8 m	89,30	85,67	82,76

PS/2 & USB

This switch allows for controlling 8 or 16 computers by one USB console with VGA display.



- ▶ Up to 31 additional switches can be daisy-chained to each other
- ▶ Supports MS Windows, Linux, Mac and Sun OS

Delivered including power supply, firmware upgrade cable (1.8 m), console cable and USB KVM cables.

Specification:

Terminal Console:
Keyboard / Mouse / Video: 18 pin DSUB-HD plug (yellow)

Terminals PCs:
Keyboard / Mouse / Video: 15 pin DSUB-HD jack (yellow)

other Terminals:
Peripheral devices: USB A jack (black)
Firmware upgrade: 6P4C Modular Jack (black)
Power supply: DC-socket (black)
Daisy-Chain IN: 25 pin DSUB jack (black)
Daisy-Chain OUT: 25 pin DSUB plug (black)

max. Resolution: 2048 x 1536
Housing: metal



CS1708A



CS1716A

Item:	Description:	Dimensions:	Weight:	incl. USB cable sets:	≥ 1	≥ 3	≥ 5
CS1708A	1 User at 8 PCs	433 x 160 x 44 mm	2660 g	2 x 1.8 m	217,34	208,51	201,44
CS1716A	1 User at 16 PCs	433 x 160 x 44 mm	2850 g	2 x 1.8 m	271,71	260,66	251,83

PS/2 & USB

This switch allows for controlling 8 computers by one USB console with VGA display and audio.



- ▶ Cascadable up to three levels
- ▶ Supports MS Windows, Linux, Mac and Sun OS

Delivered including power supply, firmware upgrade cable (1.8 m) and rack mount kit.

Specification:

Terminal Console:
Keyboard: USB A jack (white)
Mouse: USB A jack (white)
Video: 15 pin DSUB-HD jack (blue)
Loudspeaker: 3.5mm stereo Jack (green)
Microphone: 3.5mm stereo Jack (pink)

Terminals PCs:
Keyboard / Mouse / Video: 15 pin DSUB-HD jack (yellow)
Loudspeaker: 3.5mm stereo Jack (green)
Microphone: 3.5mm stereo Jack (pink)

other Terminals:
Firmware upgrade: 6P4C Modular Jack (black)
Power supply: DC-socket (black)

max. Resolution: 2048 x 1536
Housing: metal



Item:	Description:	Dimensions:	Weight:	≥ 1	≥ 3	≥ 5
CS1758Q9	1 User at 8 PCs	450 x 170 x 67 mm	2720 g	165,56	158,83	153,44

DVI, USB


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dvi
digital visual interface


CS1762



CS1764

This switch allows for controlling 2 or 4 computers by one USB console with DVI display.

- ▶ Supports MS Windows and MAC OS
- ▶ Fully compliant with USB and DVI specifications
- ▶ Independent switching of the KVM and Audio focus as well as the USB peripheral devices via front panel pushbuttons and hotkeys

Delivered including power supply, firmware upgrade cable (1.8 m) and USB KVM cables.

▶ **Specification:**

Terminal Console:

Keyboard: USB A Jack (white)
Mouse: USB A Jack (white)
Monitor: 29 pin DVI A/D Jack (white)
Loudspeaker: 3.5mm stereo Jack (green)
Microphone: 3.5mm stereo Jack (pink)

Terminals Computer:

Keyboard / Mouse: USB B Jack (white)
Monitor: 29 pin DVI A/D Jack (white)
Loudspeaker: 3.5mm stereo Jack (green)
Microphone: 3.5mm stereo Jack (pink)

other Terminals:

Peripheral devices: 2 x USB A Jack (black)
Firmware upgrade: 3.5mm stereo Jack (black)
Power supply: DC-socket (black)

max. Resolution: 1600 x 1200

Housing: metal

Item:	Description:	Dimensions:	Weight:	incl. USB cable sets:	≥ 1	≥ 3	≥ 5
CS1762	1 User at 2 PCs	210 x 85 x 55 mm	800 g	2 x 1.8 m	97,54	93,57	90,40
CS1764	1 User at 4 PCs	270 x 85 x 55 mm	1000 g	4 x 1.8 m	112,79	108,21	104,54

DVI, USB 2.0

This switch allows for controlling 2 or 4 computers by one USB console with DVI display.



- ▶ With 7.1 channel surround audio (CS1782 only)
- ▶ Supports MS Windows, Linux, Mac and Sun OS
- ▶ Fully compliant with USB 2.0 and DVI specifications
- ▶ Independent switching of the KVM and Audio focus as well as the USB peripheral devices via front panel pushbuttons and hotkeys

Delivered including power supply, firmware upgrade cable (1.8 m) and USB KVM cables.

▶ **Specification:**

Terminal Console:

- Keyboard:** USB A jack (black)
- Mouse:** USB A jack (black)
- Monitor:** 29 pin DVI A/D jack (white)
- Loudspeaker:** 3.5mm stereo Jack (green)
- Microphone:** 3.5mm stereo Jack (pink)

Terminals PCs:

- Keyboard / Mouse:** USB B jack (white)
- Monitor:** 29 pin DVI A/D jack (white)
- Loudspeaker:** 3.5mm stereo Jack (green)
- Microphone:** 3.5mm stereo Jack (pink)

other Terminals:

- Peripheral devices:** 2 x USB A jack (white)
- Firmware upgrade:** 3.5mm stereo Jack (black)
- Power supply:** DC-socket (black)

- max. Resolution:** 2560 x 1600 (60 Hz)
3840 x 2400 (13 Hz)

Housing: metal



CS1782



CS1784

Item:	Description:	Dimensions:	Weight:	incl. USB cable sets:	≥ 1	≥ 3	≥ 5
CS1782	1 User at 2 PCs	270 x 87 x 55 mm	940 g	2 x 1.8 m	104,18	99,95	96,56
CS1784	1 User at 4 PCs	270 x 87 x 55 mm	940 g	4 x 1.8 m	131,49	126,14	121,87



DVI, USB 2.0, Dual-View

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digital
visual interface**HI-SPEED**
CERTIFIED
USB

This switch allows for controlling 2 or 4 computers by one USB console with 2 DVI displays.

- ▶ Supports MS Windows, Linux, Mac and Sun OS
- ▶ Fully compliant with USB 2.0 and DVI specifications
- ▶ Independent switching of the KVM and Audio focus as well as the USB peripheral devices via front panel pushbuttons and hotkeys

Delivered including power supply, firmware upgrade cable (1.8 m) and USB KVM cables.

▶ **Specification:****Terminal Console:**

Keyboard: USB A jack (white)
Mouse: USB A jack (white)
Monitor 1: 29 pin DVI A/D jack (white)
Monitor 2: 29 pin DVI A/D jack (white)
Loudspeaker: 3.5mm stereo Jack (green)
Microphone: 3.5mm stereo Jack (pink)

Terminals PC:

Keyboard / Mouse: USB B jack (white)
Monitor 1: 29 pin DVI A/D jack (white)
Monitor 2: 29 pin DVI A/D jack (white)
Loudspeaker: 3.5mm stereo Jack (green)
Microphone: 3.5mm stereo Jack (pink)

other Terminals:

Peripheral devices: 2 x USB A jack (black)
Firmware upgrade: 3.5mm stereo Jack (black)
Power supply: DC-socket (black)

max. Resolution: 2560 x 1600
Housing: metal



CS1642



CS1644

Item:	Description:	Dimensions:	Weight:	incl. USB cable sets:	≥ 1	≥ 3	≥ 5
CS1642	1 User at 2 PCs	262 x 77 x 46 mm	560 g	2 x 1.8 m	178,84	171,57	165,76
CS1644	1 User at 4 PCs	432 x 154 x 44 mm	2320 g	4 x 1.8 m	253,75	243,43	235,18

HDMI, USB 2.0

This switch allows for controlling 2 or 4 computers by one USB console with HDMI display.

- ▶ Supports MS Windows, Linux and Mac OS
- ▶ Fully compliant with USB 2.0 and HDMI 1.3a specifications
- ▶ Independent switching of the KVM and Audio focus as well as the USB peripheral devices via front panel pushbuttons and hotkeys

Delivered including power supply, firmware upgrade cable (1.8 m) and USB KVM cables.

▶ **Specification:**

Terminal Console:

- Keyboard:** USB A jack (black)
- Mouse:** USB A jack (black)
- Monitor:** HDMI jack (black)
- Loudspeaker:** 2 x 3.5mm stereo Jack (green)
- Microphone:** 2 x 3.5mm stereo Jack (pink)

Terminals PCs:

- Keyboard / Mouse:** USB B jack (white)
- Monitor:** HDMI jack (black)
- Loudspeaker:** 3.5mm stereo Jack (green)
- Microphone:** 3.5mm stereo Jack (pink)

other Terminals:

- Peripheral devices:** 2 x USB A jack (white)
- Firmware upgrade:** 3.5mm stereo Jack (black)
- Power supply:** DC-socket (black)

- max. Resolution:** 1920 x 1200 / 1080p
- Housing:** metal, plastic



CS1792



CS1794

Item:	Description:	Dimensions:	Weight:	incl. USB cable sets:	≥ 1	≥ 3	≥ 5
CS1792	1 User at 2 PCs	205 x 73 x 45 mm	420 g	2 x 1.8 m	103,57	99,36	95,99
CS1794	1 User at 4 PCs	265 x 73 x 45 mm	530 g	4 x 1.8 m	143,91	138,06	133,38



PS/2



- ▶ 2-port KVM switch
- ▶ For mouse, keyboard and monitor
- ▶ Compact design, built in 1.2m cable
- ▶ Port selection via hotkeys
- ▶ Auto scan function

▶ **Specification:****Terminal Console:****Keyboard:** 6 pin mini-DIN Jack (purple)**Mouse:** 6 pin mini-DIN Jack (green)**Monitor:** 15 pin DSUB-HD Jack (blue)**Terminals PCs:****Keyboard:** 6 pin mini-DIN Plug (purple)**Mouse:** 6 pin mini-DIN Plug (green)**Monitor:** 15 pin DSUB-HD Plug (blue)**max. Resolution:** 2048 x 1536, DDC2B**Housing:** Plastic

Item:	Description:	Dimensions:	Weight:	Cable length:	≥ 1	≥ 3	≥ 5
CS62Z	1 User at 2 PCs	73 x 59 x 23 mm	410 g	1.2 m	10,33	9,91	9,58

USB, Audio



CS62U

- ▶ 2- or 4-port USB KVM switch
- ▶ for mouse, keyboard, monitor and speakers
- ▶ Multiplatform support: Linux, Mac, Sun and IBM-PC
- ▶ Compact design, built in 1.8 m cables
- ▶ Port selection via hotkeys
- ▶ Auto scan function

▶ **Specification:****Terminal Console:****Keyboard:** USB A Jack (black)**Mouse:** USB A Jack (black)**Monitor:** 15 pin DSUB-HD Jack (blue)**Loudspeaker:** 3.5mm stereo Jack (green)**Terminals PCs:****Keyboard / Mouse:** USB A Plug (black)**Monitor:** 15 pin DSUB-HD Plug (blue)**Loudspeaker:** 3.5mm stereo Plug (green)**max. Resolution:** 2048 x 1536, DDC2B

CS64U

Item:	Description:	Dimensions:	Weight:	Cable length:	≥ 1	≥ 3	≥ 5
CS62U	1 User at 2 PCs	81 x 69 x 26 mm	420 g	1.8 m	18,94	18,17	17,56
CS64U	1 User at 4 PCs	109 x 97 x 26 mm	800 g	1.8 m	32,72	31,39	30,32

PS/2, Audio



- ▶ 2- or 4-port PS/2 KVM switch
- ▶ For mouse, keyboard, monitor and speakers
- ▶ Compact design, built in 1.2m cables
- ▶ Port selection via hotkeys
- ▶ Auto scan function



CS62

▶ **Specification:**

Terminal Console:

- Keyboard:** 6 pin mini-DIN Jack (purple)
- Mouse:** 6 pin mini-DIN Jack (green)
- Monitor:** 15 pin DSUB-HD Jack (blue)
- Loudspeaker:** 3.5mm stereo Jack (green)

Terminals PCs:

- Keyboard:** 6 pin mini-DIN Plug (purple)
- Mouse:** 6 pin mini-DIN Plug (green)
- Monitor:** 15 pin DSUB-HD Plug (blue)
- Loudspeaker:** 3.5mm stereo Plug (green)

max. Resolution: 2048 x 1536, DDC2B



CS64A

Item:	Description:	Dimensions:	Weight:	Cable length:	≥ 1	≥ 3	≥ 5
CS62	1 User at 2 PCs	120 x 50 x 25 mm	410 g	1.8 m	14,39	13,81	13,34
CS64A	1 User at 4 PCs	90 x 72 x 26 mm	900 g	1.8 m	24,60	23,60	22,80

DVI, USB 2.0, Audio

- ▶ 2-port DVI USB 2.0 KVM switch
- ▶ For mouse, keyboard, monitor, speakers and microphone
- ▶ Compact design, built in all-in-one cables
- ▶ Auto scan function
- ▶ Including remote port selection switch



▶ **Specification:**

Terminal Console:

- Keyboard:** USB A jack (silver)
- Mouse:** USB A jack (silver)
- Monitor:** 25 pin DVI-Digital jack (white)
- Loudspeaker:** 3.5mm stereo Jack (green)
- Microphone:** 3.5mm stereo Jack (pink)

Terminals PCs:

- Keyboard:** USB A plug (purple)
- Mouse:** USB A plug (black)
- Monitor:** 25 pin DVI-Digital plug (black)
- Loudspeaker:** 3.5mm stereo Plug (green)
- Microphone:** 3.5mm stereo Plug (pink)

other Terminals:
externer Switch: 3.5mm stereo Jack

max. Resolution: 1920 x 1200
Housing: plastic



Item:	Description:	Dimensions:	Weight:	Cable lengths:	≥ 1	≥ 3	≥ 5
CS682	1 User at 2 PCs	111 x 78 x 25 mm	500 g	1.2 m	50,06	48,03	46,40

HDMI

HDMI

Full HD
1080p

HSA201



HSA201

allows for the connection of 2 or 4 devices to one monitor by HDMI

- ▶ signal enhancement
- ▶ ideal for home cinema integration
- ▶ delivered including IR remote control

- ▶ **Specification:**
- Bandwidth:** 225 MHz
- max. Distance:** 40 m
- max. Resolution:** 1920 x 1200 / 1080p
- Housing:** metal

Item:	Description:	≥ 1	≥ 3	≥ 5
HSA201	2x	46,20	45,49	44,42

Switches and Splitters for Computer Peripherals

Video Switches - ATEN

VGA

Simply Better Connections™



- ▶ Electronic switching
- ▶ Displays video outputs of 2 or 4 computers on a single monitor or projector
- ▶ High resolution video - up to 1920 x 1440; DDC; DDC2; DDC2B
- ▶ Supports VGA, SVGA, XGA and Multisync monitors or similar projectors
- ▶ Easy installation - no software required

- ▶ **Specification:**
- Terminals:**
- Input:** 2 x 15 pin DSUB-HD Jack
- Output:** 1 x 15 pin DSUB-HD Jack
- max. Cable length:** 10 m
- Housing material:** Plastic / metal
- Dimensions:** 120 x 60 x 44 mm
- Weight:** 220 g

Item:	Description:	Displays of Port selection:	max. Power consumption:	≥ 1	≥ 3	≥ 5
VS291	2x	2	100 mA	17,22	16,52	15,96
VS491	4x	4	150 mA	22,39	21,48	20,75

VGA, extender



Displays the video output of two computers on a single monitor or projector.

- ▶ Automatic incoming signal selection
- ▶ Supports VGA, SVGA and Multisync
- ▶ Long distance transmission - up to 65m

▶ **Specification:**

Terminals:
Input: 2 x 15 pin DSUB-HD Plug
Output: 1 x 15 pin DSUB-HD Jack

max. Resolution: 1024 x 768, 85 Hz
Housing: metal
Dimensions: 104 x 78 x 28 mm
Weight: 165 g



Item:	Description:	≥ 1	≥ 3	≥ 5
VS201	2x	29,15	27,97	27,02

VGA, Matrix



This video matrix switch routes video and audio signals of 2 computers to 2 or 4 displays with speakers.

- ▶ Enhances signals at a distance of up to 65 m
- ▶ Features stereo audio

Delivered including power supply and 1.8 m VGA cable.

▶ **Specification:**

Terminals Input:
Video: 15 pin DSUB-HD Plug (blue)
Audio: 3.5mm stereo Jack (green)

Terminals Output:
Video: 15 pin DSUB-HD Jack (blue)
Audio: 3.5mm stereo Jack (green)

other Terminals:
Power supply: DC-socket

max. Resolution: 1920 x 1440
max. Cable length: 65 m
Housing: metal



Item:	Description:	Dimensions:	Weight:	inkl VGA Cable:	≥ 1	≥ 3	≥ 5
VS0202	2 PCs at 2 monitors	130 x 77 x 45 mm	450 g	1 x 1.8 m	39,11	37,52	36,25
VS0204	2 PCs at 4 monitors	200 x 75 x 45 mm	690 g	1 x 1.8 m	77,00	73,87	71,36

DVI


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 dvi
digital visual interface

This DVI video switch allows for the connection of 2 or 4 computers or other other devices with DVI output (e.g. DVD-player) to one DVI display.



VS261

- ▶ Quick and easy switching via IR remote control.
- ▶ Fully compliant with DVI-Digital and DVI-Analog
- ▶ Features stereo audio

Delivered including IR remote control unit and power supply.

▶ **Specification:**
Terminals Input:
Video: 29 pin DVI A/D Jack
Audio: 2 x RCA Jack

Terminal Output:
Video: 29 pin DVI A/D Jack
Audio: 2 x RCA Jack

other Terminals:
Power supply: DC-socket

max. Resolution: 1600 x 1200
Housing: metal



VS461

Item:	Description:	Dimensions:	Weight:	≥ 1	≥ 3	≥ 5
VS261	2x	140 x 88 x 56 mm	600 g	77,37	74,22	71,71
VS461	4x	210 x 88 x 56 mm	800 g	110,45	105,96	102,37

HDMI, 4-port


 NEW ATEN
Simply Better Connections™ HDMI

This switch allows for the connection of 4 digital devices to one HDTV display



- ▶ Economical solution for home theater integration
- ▶ Easy switching by remote control or front panel pushbuttons
- ▶ built-in RS-232 port
- ▶ Plug-and-play - no software installation required
- ▶ HDMI™ 1.3b compliant
- ▶ HDCP 1.1 compliant

Delivered including power supply, IR remote control unit and 1.8 m HDMI cable.

▶ **Specification:**
Terminals Input:
Video & Audio: HDMI jack (black)

Terminal Output:
Video & Audio: HDMI jack (black)

other Terminals:
RS-232 Interface: 9 pin DSUB jack (black)
Power supply: DC-socket (black)

max. Resolution: 1920 x 1200 / 1080p
Housing: metal

Item:	Description:	Dimensions:	Weight:	incl. HDMI Cable:	≥ 1	≥ 3	≥ 5
VS481A	4x	200 x 80 x 25 mm	470 g	1 x 1.8 m	23,86	22,89	22,12

HDMI, 8-port

This switch allows for the connection of 8 digital devices to one HDTV display

- ▶ Economical solution for home theater integration
- ▶ Easy switching by remote control or front panel pushbuttons
- ▶ built-in RS-232 port
- ▶ Plug-and-play - no software installation required
- ▶ HDMI™ 1.3b compliant
- ▶ HDCP 1.1 compliant

Delivered including power supply, IR remote control unit and rack mount kit.

▶ **Specification:**

Terminals Input:

Video & Audio: HDMI jack (black)

Terminal Output:

Video & Audio: HDMI jack (black)

other Terminals:

RS-232 Interface: 9 pin DSUB jack (black)

Power supply: DC-socket (black)

max. Resolution: 1920 x 1200 / 1080p

Housing: metal



Item:	Description:	Dimensions:	Weight:	≥ 1	≥ 3	≥ 5
VS0801H	8x	432 x 154 x 44 mm	1750 g	81,92	78,59	75,92

HDMI, Matrix

This switch allows for the connection of 4 digital devices to one HDTV display

- ▶ Economical solution for home theater integration
- ▶ Easy switching by remote control or front panel pushbuttons
- ▶ built-in RS-232 port
- ▶ Plug-and-play - no software installation required
- ▶ Cascadable up to 3 levels
- ▶ HDMI™ 1.3b compliant
- ▶ HDCP 1.1 compliant

Delivered including power supply, IR remote control unit and rack mount kit.

▶ **Specification:**

Terminals Input:

Video & Audio: HDMI jack (black)

Terminal Output:

Video & Audio: HDMI jack (black)

other Terminals:

RS-232 Interface: 9 pin DSUB jack (black)

Power supply: DC-socket (black)

max. Resolution: 1920 x 1200 / 1080p

Housing: metal



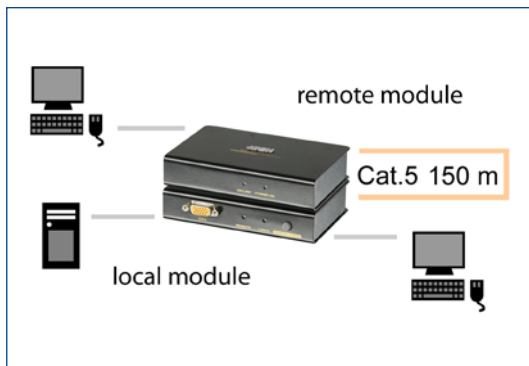
Item:	Description:	Dimensions:	Weight:	≥ 1	≥ 3	≥ 5
VM0404H	4 devices at 4 monitors	432 x 154 x 44 mm	1860 g	339,36	325,56	314,53


Information

Local/Remote Modules - ATEN

These sets allow for controlling a computer or KVM switch by two keyboards, monitors and mouses, one of each is local and one is connected to the remote module. All data is transferred between the local and the remote module by just one single economic Cat.5 cable - at a distance of up to 150 m.

KVM, PS/2



- ▶ Local module powered by the connected computer
- ▶ Provided power supply just for the remote module

▶ **Specification:**

Terminal Consoles:

Keyboard: 6 pin mini-DIN Jack (purple)

Mouse: 6 pin mini-DIN Jack (green)

Video: 15 pin DSUB-HD Jack (blue)

Terminal PC:

Keyboard / Mouse / 15 pin DSUB-HD Jack (yellow)

Video:

other Terminals:

Connection: 8P8C Modular Jack

Power supply: DC-socket

max. Resolution: 1280 x 1024

max. Cable length: 150 m over Cat.5

Housing: metal

Dimensions: 125 x 82 x 25 mm

Weight: 330 g (local)

320 g (remote)

Item:	Description:	Terminal:	≥ 1	≥ 3	≥ 5
CE250LR	Set, consisting of local and remote module	PS/2	102,34	98,18	94,85

KVM, USB



- ▶ built-in ESD and surge protection
- ▶ delivered including power supplies, PC connection cable, grounding wires and rack mount kit

Specification:

Terminal Consoles:

- keyboard:** USB A jack (white)
- Mouse:** USB A jack (white)
- Video:** 15 pin DSUB-HD jack (blue)

Terminal PC:

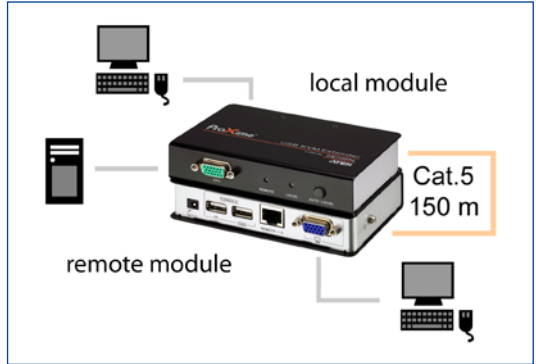
- Keyboard / Mouse / Video:** 17pol. DSUB-HD jack (green)

other Terminals:

- Connection:** 8P8C Modular Jack
- Power supply:** DC-socket

- max. Resolution:** 1920 x 1200 (30 m)
1600 x 1200 (100 m)
1280 x 1024 (150 m)

- max. Cable length:** 150 m over Cat.5
- Housing:** metal
- Dimensions:** 125 x 82 x 25 mm (local)
125 x 82 x 25 mm (remote)
- Weight:** 320 g (local)
310 g (remote)



Item:	Description:	Terminal:	≥ 1	≥ 3	≥ 5
CE700LR	Set, consisting of local and remote module	USB	119,06	114,22	110,35

KVM, USB, Audio



- ▶ Features stereo jacks for microphone and speakers
- ▶ additional RS-232 serial ports local and remote

Specification:

Terminal Consoles:

- keyboard:** USB A jack (white)
- Mouse:** USB A jack (white)
- Video:** 15 pin DSUB-HD jack (blue)
- Loudspeaker:** 3.5mm stereo Jack (green)
- Microphone:** 3.5mm stereo Jack (pink)

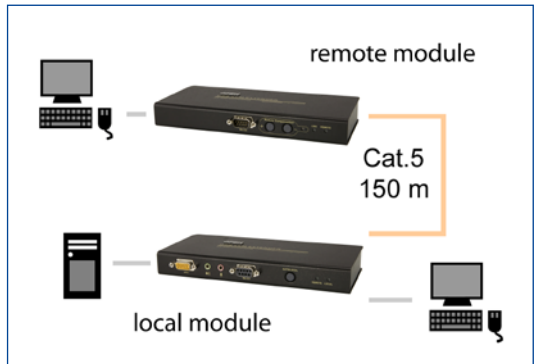
Terminal PC:

- Tastatur/Maus/Video:** 15 pin DSUB-HD plug (yellow)
- Loudspeaker:** 3.5mm stereo Jack (green)
- Microphone:** 3.5mm stereo Jack (pink)

other Terminals:

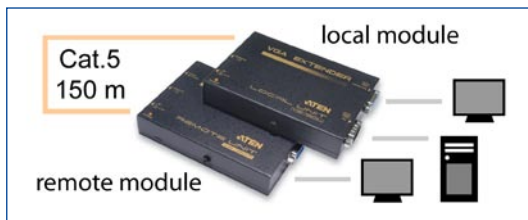
- Connection:** 8P8C Modular Jack
- Power supply:** DC-socket
- RS-232 local:** 9 pin DSUB jack (black)
- RS-232 remote:** 9 pin DSUB plug (black)

- max. Resolution:** 1600 x 1200
- max. Cable length:** 150 m over Cat.5
- Housing:** metal
- Dimensions:** 200 x 80 x 25 mm (local)
200 x 80 x 25 mm (remote)
- Weight:** 490 g (local)
490 g (remote)



Item:	Description:	Terminal:	≥ 1	≥ 3	≥ 5
CE750LR	Set, consisting of local and remote modules	USB and Audio	155,84	149,51	144,44

Video, VGA

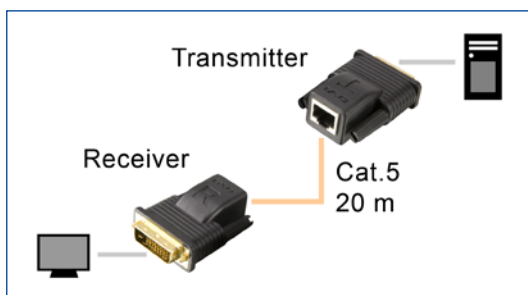


This video extender connects a local transmission unit with a remote receiving unit by an economical Cat.5 cable at a distance of up to 150 m.

- ▶ **Specification:**
- Terminal monitors:** 15 pin DSUB-HD Jack (blue)
- Video:**
- Terminal PC:** 15 pin DSUB-HD Plug (blue)
- Video:**
- other Terminals:**
- Connection:** 8P8C Modular Jack
- Power supply:** DC-socket
- max. Resolution:** 1280 x 1024
- max. Cable length:** 150 m over Cat.5
- Housing:** metal
- Dimensions:** 119 x 86 x 23 mm
- Weight:** 250 g

Item:	Description:	≥ 1	≥ 3	≥ 5
VE150LR	Set, consisting of local and remote module	70,73	67,85	65,55

Video, DVI



This DVI video extender connects a local DVI transmission unit with a remote DVI receiving unit by an economical Cat.5 cable at a distance of up to 20 m.

- ▶ Signal enhancement up to 15 m at 1080p
- ▶ Signal enhancement up to 20 m at 1080i
- ▶ **Specification:**
- Terminal Monitor:** 25 pin DVI-D plug (gold)
- Video:**
- Terminal PCs:** 25 pin DVI-D plug (gold)
- Video:**
- other Terminals:**
- Connection:** 8P8C Modular Jack
- max. Resolution:** 1600 x 1200
- max. Cable length:** 20 m over Cat.5
- Housing:** metal
- Dimensions:** 57 x 41 x 22 mm
- Weight:** 47 g

Item:	Description:	≥ 1	≥ 3	≥ 5
VE066	Set, consisting of Transmitter and Receiver	21,25	19,71	18,63

Video, HDMI

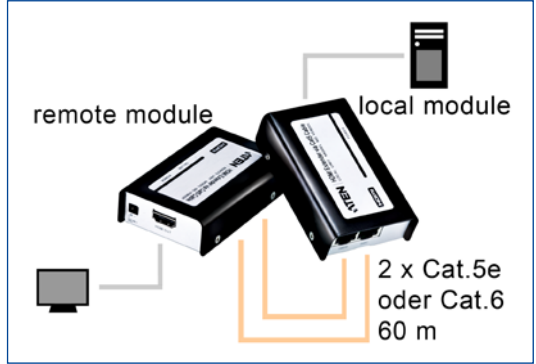
This HDMI video extender connects a local HDMI transmission unit with a remote HDMI receiving unit by two economical Cat.5e or Cat.6 cables at a distance of up to 60 m.



- ▶ Signal enhancement up to 40 m at 1080p
- ▶ Signal enhancement up to 60 m at 1080i

▶ **Specification:**

- Terminal Monitor:**
Video: HDMI jack (black)
- Terminal PCs:**
Video: HDMI jack (black)
- other Terminals:**
Connection: 2 x 8P8C Modular Jack
- max. Resolution:** 1920 x 1200 / 1080p
- max. Cable length:** 60 m over Cat.5e or Cat.6
- Housing:** metal
- Dimensions:** 90 x 55 x 24 mm
- Weight:** 160 g



Item:	Description:	≥ 1	≥ 3	≥ 5
VE800	Set, consisting of local and remote modules	40,10	38,47	37,16

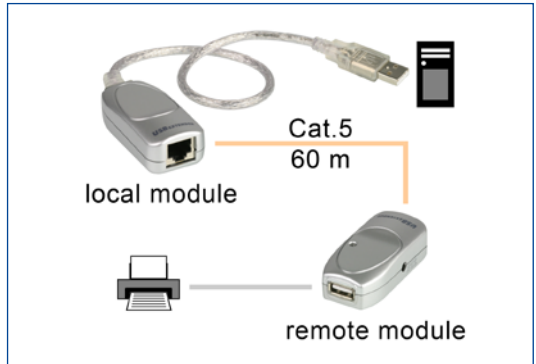
USB

This USB extender connects a local computer with a remote USB device by an economical Cat.5 cable at a distance of up to 60 m.



▶ **Specification:**

- Terminal device:** USB A jack (white)
- Terminal PCs:** USB A plug (white)
- Connection:** 8P8C Modular Jack
- max. Cable length:** 60 m over Cat.5



Item:	Description:	≥ 1	≥ 3	≥ 5
UCE60	Set, consisting of local and remote modules	27,06	25,96	25,08

HDMI

HDMI

Full HD
1080p

allows for the signal-distribution from one source to 2 or 4 monitors by HDMI

- ▶ signal enhancement
- ▶ HDCP compliant
- ▶ supports DDWG standard



SP132

- ▶ **Specification:**
- Bandwidth:** 225 MHz
- max. Distance:** 40 m
- max. Resolution:** 1920 x 1200 / 1080p
- Housing:** metal

Item:	Description:	≥ 1	≥ 3	≥ 5
SP132	2 HDMI monitors	107,67	104,19	100,72

Switches and Splitters for Computer Peripherals

Video Splitter - ATEN

200/250 MHz

Simply Better Connections™

This splitter series duplicates and boosts the video signal from one input to 2, 4 or 8 outputs at a distance of up to 65 m. In addition, the units can be cascaded to accommodate as many monitors as the installation requires.

- ▶ **Specification:**
- Power supply:** 9 VDC
- Input:** 15 pin DSUB-HD Plug
- Output:** 15 pin DSUB-HD Jack
- supported Monitors:** VGA, SVGA, MultiSync
- Housing:** metal



VS92A



VS94A

Item:	Description:	Resolution:	Dimensions:	Weight:	≥ 1	≥ 3	≥ 5
VS92A	2 monitors, 250 MHz	1920 x 1440, 60 Hz	130 x 75 x 45 mm	320 g	12,79	12,27	11,86
VS94A	4 monitors, 250 MHz	1920 x 1440, 60 Hz	200 x 75 x 45 mm	450 g	19,43	18,64	18,01

250/300/350 MHz



These splitters support video signals with up to 350 MHz bandwidth. They allow for the connection of up to 4 monitors to a single computer at an enhanced distance of up to 65 m.

► Specification:

Input: 15 pin DSUB-HD Plug
Output: 15 pin DSUB-HD Jack
supported Monitors: VGA, SVGA, Multisync



VS132



VS102



VS134

Item:	Description:	Resolution:	Housing:	Dimensions:	≥ 1	≥ 3	≥ 5
VS102	2 monitors, 250 MHz	1920 x 1440, 60 Hz	metal	104 x 78 x 28 mm	17,47	16,76	16,19
VS132	2 monitors, 350 MHz	1920 x 1440, 75 Hz	metal	104 x 78 x 28 mm	19,31	18,53	17,90
VS134	4 monitors, 350 MHz	1920 x 1440, 75 Hz	plastic / metal	224 x 152 x 52 mm	39,98	38,35	37,05

DVI

This DVI video splitter provides video and audio signals of one computer or other device with DVI output to 2 or 4 DVI displays with speakers after duplication and boosting.



- Fully compliant with DVI-Digital and DVI-Analog
- Features stereo audio
- Cascadable

Delivered including power supply.

► Specification:

Terminal Input:
Video: 29 pin DVI A/D Jack
Audio: 3.5mm stereo Jack

Terminals Output:
Video: 29 pin DVI A/D Jack
Audio: 3.5mm stereo Jack

other Terminals:
Power supply: DC-socket

max. Resolution: 1600 x 1200, DDC2B
Housing: metal



VS162



VS164

Item:	Description:	Dimensions:	Weight:	≥ 1	≥ 3	≥ 5
VS162	2 DVI monitors	210 x 88 x 56 mm	620 g	68,88	66,08	63,84
VS164	4 DVI monitors	210 x 88 x 56 mm	720 g	98,03	94,05	90,86

HDMI

NEW **ATEN** **HDMI**
Simply Better Connections™



VS182



VS184

This HDMI video splitter provides video and audio signals of one computer or other device with HDMI output to 2 or 4 HDMI displays with speakers after duplication and boosting.

- ▶ HDMI 1.3b compliant
- ▶ HDCP 1.1 compliant
- ▶ Cascadable up to 3 levels

Delivered including power supply and HDMI cable

- ▶ **Specification:**
- Terminals Input:** HDMI jack (black)
- Video & Audio:** HDMI jack (black)
- Terminal Output:** HDMI jack (black)
- Video & Audio:** HDMI jack (black)
- other Terminals:** DC-socket (black)
- Power supply:** DC-socket (black)
- max. Resolution:** 1920 x 1200 / 1080p
- Housing:** metal

Item:	Description:	Dimensions:	Weight:	incl. HDMI Cable:	≥ 1	≥ 3	≥ 5
VS182	2 HDMI monitors	125 x 82 x 25 mm	310 g	1 x 1.8 m	27,92	26,79	25,88
VS184	4 HDMI monitors	200 x 80 x 25 mm	470 g	1 x 1.8 m	44,53	42,72	41,27

HDMI, 8-port

NEW **ATEN** **HDMI**
Simply Better Connections™



This HDMI video splitter provides video and audio signals of one computer or other device with HDMI output to 8 HDMI displays with speakers after duplication and boosting.

- ▶ HDMI 1.3b compliant
- ▶ HDCP 1.1 compliant
- ▶ Cascadable up to 3 levels

Delivered including power supply and rack mount kit

- ▶ **Specification:**
- Terminals Input:** HDMI jack (black)
- Video & Audio:** HDMI jack (black)
- Terminal Output:** HDMI jack (black)
- Video & Audio:** HDMI jack (black)
- other Terminals:** DC-socket (black)
- Power supply:** DC-socket (black)
- max. Resolution:** 1920 x 1200 / 1080p
- Housing:** metal

Item:	Description:	Dimensions:	Weight:	≥ 1	≥ 3	≥ 5
VS0108H	8 HDMI monitors	432 x 154 x 44 mm	1740 g	175,89	168,74	163,02

Cat.5 Audio/Video Splitter



These splitters route the audio and video signals from an input source to up to 8 Cat.5 outputs thus enabling signal transfer at a distance of up to 150 m.

- ▶ for use with repeater VB552
- ▶ cascadable to 3 levels
- ▶ features serial interface RS-232

Delivered including cable for connecting the source, power adaptor and one repeater VB552 including accessories.

▶ **Specification:**

Terminal Input:

Video: 15 pin DSUB-HD plug (blue)
Audio: 3.5mm stereo Jack (green)

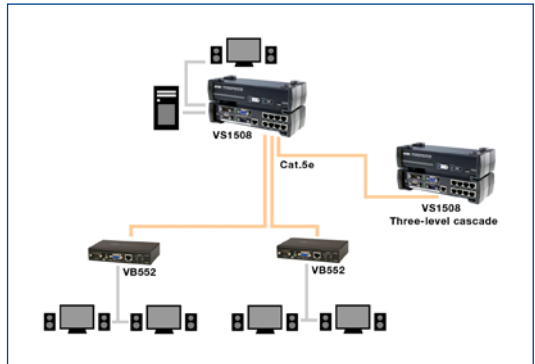
Terminal Output:

Video: 15 pin DSUB-HD jack (blue)
Audio: 3.5mm stereo Jack (green)

other Terminals:

Verbindungen: 8P8C Modular Jacks
Power supply: DC-socket
RS-232: 9 pin DSUB jack (black)
 9 pin DSUB plug (black)

max. Resolution: 1600 x 1200
max. Cable length: 150 m
Housing: metal



Item:	Description:	Dimensions:	Weight:	≥ 1	≥ 3	≥ 5
VS1508	8 Cat.5 outputs	210 x 88 x 56 mm	760 g	289,80	287,28	284,76

Accessories

Item:	Description	Page
VB552	Cat.5 Audio/Video Repeater	708



Cat.5 Audio/Video Repeater



These repeaters allow for routing the audio and video signals from a Cat.5 input to up to 2 output devices as well as signal enhancement and transfer via Cat.5 cable at a distance of additional 150 m.

- ▶ for use with splitter VS1508
- ▶ with IR remote control
- ▶ features serial interface RS-232

Delivered including power adaptor, IR receiver, IR remote control handset and rack mount kit.

▶ **Specification:**

Terminals Output:

Video: 15 pin DSUB-HD jack (blue)
Audio: 3.5mm stereo Jack (green)

other Terminals:

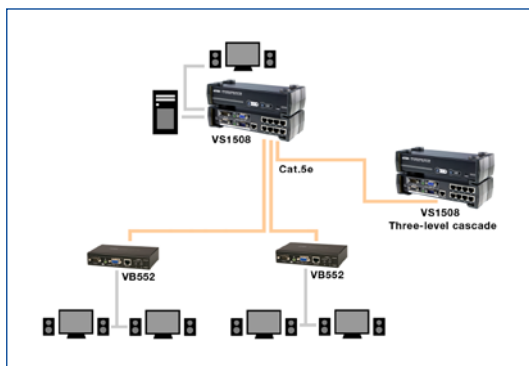
Verbindungen: 8P8C Modular Jacks
Power supply: DC-socket
RS-232: 9 pin DSUB jack (black)
 9 pin DSUB plug (black)

IR reciever: 3.5mm stereo Jack (black)

max. Resolution: 1600 x 1200

max. Cable length: 150 m

Housing: metal



Item:	Description:	Dimensions:	Weight:	≥ 1	≥ 3	≥ 5
VB552	2 monitors, 1 Cat.5 Output	139 x 81 x 29 mm	350 g	115,74	111,04	107,27

Accessories

Item:	Description	Page
VS1508	Cat.5 Audio/Video Splitter 1:8	707

VGA to DVI



This converter allows for the connection of a VGA based video device to a DVI display or projector

- ▶ Features storing and selecting user settings
- ▶ Easy installation
- ▶ Supports Windows 2000, Windows XP and Mac



Delivered including power supply and 1.8 m VGA cable.

▶ **Specification:**

Terminal Input:
VGA: 15 pin DSUB-HD Plug (blue)

Terminal Output:
DVI: 25 pin DVI-D Jack (white)

other Terminals:
Power supply: DC-socket (black)

max. Resolution: 1600 x 1200, 60 Hz, DDC2B
Housing: metal

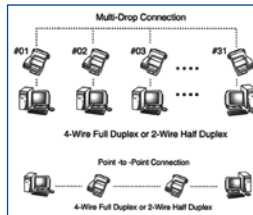
Item:	Description:	Dimensions:	Weight:	incl. VGA Cable:	≥ 1	≥ 3	≥ 5
VC160	VGA to DVI	100 x 79 x 25 mm	210 g	1 x 1.8 m	106,03	101,72	98,27

RS-232 / RS-422/485



This converter allows for the bi-directional connection between RS-232 and RS-485 / RS-422 interfaces.

- ▶ Baud rates of up to 100 kbps at a distance of up to 1200 m
- ▶ Data transmission controlled by the RTS signal
- ▶ DCE / DTE selectable
- ▶ Point to point or multidrop selection
- ▶ Half duplex or full duplex



▶ **Specification:**

Terminals:
RS-232: 25 pin DSUB Jack
RS-485 / RS-422: 4x screw terminal
 6P4C Modular Jack

Switch:
Switch 1: DCE / DTE
Switch 2: TxON, RxON / TxRTS, RxON / TxDTR/RTS, RxDSR/ON

Housing: plastic
Dimensions: 54 x 75 x 19 mm
Weight: 60 g

Item:		≥ 1	≥ 3	≥ 5
BIC01N		23,38	21,96	21,01

USB to RS-232



This USB to RS232 converter cable allows for the connection of serial devices to the USB jack of a computer.

- ▶ Complies with USB specification 1.1
- ▶ Transfer rate > 500 Kbps

Terminals: USB A plug - 9 pin DSUB plug
Cable length: 35cm

Item:	≥ 1	≥ 3	≥ 5
UC232A	11,17	10,78	10,40

Switches and Splitters for Computer Peripherals

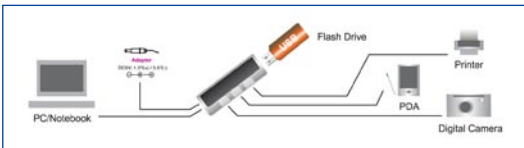
USB Hubs

magnetic, 2.0



Ultra compact 4x USB hub

- ▶ Features built-in magnets
- ▶ Optimized for mobile use
- ▶ USB specification 2.0, downward compatible with 1.1
- ▶ Maximum transfer rate 480 Mbps
- ▶ Powered by USB jack
- ▶ Suitable for connection of an external power supply (not included)



Item:	≥ 1	≥ 3	≥ 5
UH284	5,66	5,43	5,24

Switches and Splitters for Computer Peripherals

Repeater

DVI analog/digital, dual link



These repeaters enhance DVI signal range by up to 15 m

Item:	≥ 1	≥ 3	≥ 5
DVIREP	29,21	28,27	27,33

Virtual VNC Console



This console allows for wirelessly routing the video signal of any notebook to the connected display or projector. The required software can be directly downloaded from the console.



Delivered including power adaptor, Wireless-G USB adaptor and rack mount kit.

Specification:

- Terminal Console:**
- Keyboard:** USB A jack (white)
- Mouse:** USB A jack (white)
- Video:** 15 pin DSUB-HD jack (blue)

other Terminals:

- WLAN:** USB A jack (white)
- LAN:** 8P8C Modular Jack
- Power supply:** DC-socket

- max. Resolution:** 1280 x 1024
- Housing:** metal

Item:	Description:	Dimensions:	Weight:	≥ 1	≥ 3	≥ 5
KE8220	Virtual VNC Console	200 x 80 x 25 mm	500 g	151,66	145,49	140,56

**Computer
USB Cables**

A / A, 3.0

The new USB 3.0 standard, also known as Super-Speed USB, allows for data transmission rates of up to 5 Gbps. This means ten times the performance of USB 2.0, while remaining compatible to the existing USB 2.0 devices and hosts.



USB 3.0 A plug - USB 3.0 A plug
used cable USB 3.0 certified

Item:	Length:	≥ 1	≥ 25	≥ 50
U3AA1	1.0 m	2,72	2,40	2,30
U3AA2	2.0 m	3,11	2,75	2,64
U3AA3	3.0 m	3,52	3,11	2,98

A / B, 3.0

NEW  **USB 3.0**



The new USB 3.0 standard, also known as Super-Speed USB, allows for data transmission rates of up to 5 Gbps. This means ten times the performance of USB 2.0, while remaining compatible to the existing USB 2.0 devices and hosts.

USB 3.0 A plug - USB 3.0 B plug
used cable USB 3.0 certified

Item:	Length:	≥ 1	≥ 25	≥ 50
U3AB1	1.0 m	3,09	2,73	2,62
U3AB2	2.0 m	3,57	3,16	3,02
U3AB3	3.0 m	4,05	3,58	3,43

B / B, 3.0

NEW  **USB 3.0**



The new USB 3.0 standard, also known as Super-Speed USB, allows for data transmission rates of up to 5 Gbps. This means ten times the performance of USB 2.0, while remaining compatible to the existing USB 2.0 devices and hosts.

USB 3.0 B plug - USB 3.0 B plug
used cable USB 3.0 certified

Item:	Length:	≥ 1	≥ 25	≥ 50
U3BB1	1.0 m	3,44	3,04	2,92
U3BB2	2.0 m	3,93	3,47	3,33
U3BB3	3.0 m	4,42	3,90	3,74

Extension, A / A, 3.0

NEW  **USB 3.0**



The new USB 3.0 standard, also known as Super-Speed USB, allows for data transmission rates of up to 5 Gbps. This means ten times the performance of USB 2.0, while remaining compatible to the existing USB 2.0 devices and hosts.

USB 3.0 A plug - USB 3.0 A jack
used cable USB 3.0 certified

Item:	Length:	≥ 1	≥ 25	≥ 50
U3AAF1	1.0 m	3,47	3,06	2,94
U3AAF2	2.0 m	4,33	3,83	3,67
U3AAF3	3.0 m	5,20	4,59	4,40

A / A, 2.0 compatible

USB A plug - USB A plug
USB 2.0 compliant



Item:	Length:	≥ 1	≥ 25	≥ 50
USB2AA1	1.0 m	0,59	0,51	0,47
USB2AA2	2.0 m	0,81	0,70	0,65
USB2AA3	3.0 m	1,00	0,86	0,80
USB2AA5	5.0 m	1,51	1,31	1,22

A / B, 2.0 compatible

USB A plug - USB B plug
USB 2.0 compliant



Item:	Length:	≥ 1	≥ 25	≥ 50
USB2AB1	1.0 m	0,59	0,51	0,47
USB2AB2	2.0 m	0,81	0,70	0,65
USB2AB3	3.0 m	1,11	0,96	0,89
USB2AB5	5.0 m	1,51	1,31	1,22

A / B, 2.0 certified

USB A plug - USB B plug
used cable USB 2.0 certified



Item:	Length:	Colour:	≥ 1	≥ 25	≥ 50
U2AB2Z	2.0 m	beige	0,93	0,80	0,75
U2AB3Z	3.0 m	beige	1,21	1,04	0,97
U2AB5Z	5.0 m	beige	1,65	1,43	1,32
U2AB2ZW	2.0 m	white	0,88	0,76	0,71
U2AB3ZW	3.0 m	white	1,16	1,00	0,93
U2AB5ZW	5.0 m	white	1,57	1,36	1,26

A / B, 2.0 certified, High Quality



USB A plug - USB B plug
used cable USB 2.0 certified

- ▶ connector-housings and contacts gold-plated



Item:	Length:	≥ 1	≥ 25	≥ 50
U2AB1ZG	1.0 m	0,91	0,79	0,73
U2AB2ZG	2.0 m	1,13	0,98	0,91
U2AB3ZG	3.0 m	1,48	1,28	1,19
U2AB5ZG	5.0 m	2,07	1,79	1,66

B / B, 2.0 compatible



USB B plug - USB B plug
USB 2.0 compliant



Item:	Length:	≥ 1	≥ 25	≥ 50
USB2BB1	1.0 m	0,61	0,53	0,49
USB2BB3	3.0 m	1,00	0,87	0,81

A / Mini, 2.0



- ▶ USB A plug - 4 pin mini USB plug
- ▶ Double shielded
- ▶ Cable UL2725, 2 x AWG 24, 2 x AWG 28
- ▶ USB 1.1 and 2.0 compliant



Item:	Length:	≥ 1	≥ 25	≥ 50
USBM1	1.0 m	0,63	0,55	0,51
USBM2	2.0 m	0,73	0,63	0,59
USBM3	3.0 m	0,96	0,83	0,77

A / 5pin Mini, 2.0

USB A plug - 5 pin mini USB plug
USB 2.0



Item:	Length:	≥ 1	≥ 25	≥ 50
USB2	2.0 m	0,91	0,82	0,78

for Digital Cameras, 5 pin Mini USB

USB A plug - 5 pin mini USB plug

► suitable for:

- Sony DCR TRV, MZ-NE410, DSC-P1, ...
- Canon Powershot G3, ...
- Olympus C-50 Zoom, ...
- hp Photosmart 120, ...
- JVC GR-DV3000U, ...
- Panasonic DMC-LC5K, ...
- Samsung Digimax 201, ...
- Sharp VL-NZ155U, ...



Information without engagement, please compare the drawings with the device's jack.

Item:	Length:	≥ 1	≥ 25	≥ 50
USBDC4	2.0 m	0,94	0,85	0,81

Extension, A / A, 2.0 compatible

USB A plug - USB A jack
USB 2.0 compliant



Item:	Length:	≥ 1	≥ 25	≥ 50
USB1,8AMF	1.8 m	0,87	0,76	0,71
USB3AMF	3.0 m	1,12	0,97	0,91
USB5AMF	5.0 m	1,64	1,43	1,33

Extension, A / A, 2.0 certified



USB A plug - USB A jack
used cable USB 2.0 certified



Item:	Length:	≥ 1	≥ 25	≥ 50
U2AMF05Z	0.5 m	0,58	0,51	0,47
U2AMF2Z	2.0 m	0,97	0,85	0,79
U2AMF3Z	3.0 m	1,28	1,12	1,04
U2AMF5Z	5.0 m	1,86	1,62	1,52

Repeater, A / A



Although the maximum distance of USB transmission is limited to 5 m, this USB repeater cable allows for adding another 5 m. In addition, up to 4 of these cables can be combined, thus reaching a maximum distance of 25 m.

- ▶ USB A plug - USB A jack
- ▶ Cable length 5 m

USBVA5



U2VA5

Item:	Specification:	≥ 1	≥ 5	≥ 10
USBVA5	USB 2.0	9,97	8,62	8,01
U2VA5	USB 2.0	11,25	10,56	10,11

double Power Supply, 2 x A / B



Allows for the connection of devices with increased power requirements.

2 x USB A plugs - 1 x USB B plug

Item:	Length	≥ 1	≥ 25	≥ 50
USB2XA	1.8 m	1,91	1,65	1,53

Information

FireWire Cables

Transfer rate: IEEE 1394 FireWire cables feature a maximum transfer rate of 400 Mbps, IEEE 1394 B even 800 Mbps. A single cable allows for the connection of up to 63 devices.

Variations: On demand, our FireWire cables are available with ferrite cores, in different colours or transparent.

OEM: On demand, we will develop FireWire cables just according to your needs.



IEEE 1394A, 6 / 6

6 pin plug - 6 pin plug, transfer rate up to 400 Mbps

- ▶ 2x2xAWG28 separately shielded (foil & braided) plus 2xAWG22
- ▶ Outer shield: foil & braided
- ▶ PVC sheath



Item:	Length:	Colour:	≥ 1	≥ 10	≥ 50
FW6/6MM1,8	1.8 m	black	2,21	1,92	1,79
FW6/6MM3	3.0 m	black	3,03	2,64	2,47

IEEE 1394A, 6 / 4

6 pin plug - 4 pin plug, transfer rate up to 400 Mbps

- ▶ 2x2xAWG30 separately shielded (foil) plus 2xAWG22
- ▶ Outer shield: foil & braided
- ▶ PVC sheath



Item:	Length:	Colour:	≥ 1	≥ 10	≥ 50
FW6/4MM1,8	1.8 m	black	2,16	1,88	1,75
FW6/4MM3	3.0 m	black	2,92	2,55	2,38

IEEE 1394A, 4 / 4



4 pin plug - 4 pin plug, transfer rate up to 400 Mbps

- ▶ 2x2xAWG30 separately shielded (foil)
- ▶ Outer shield: foil & braided
- ▶ PVC sheath



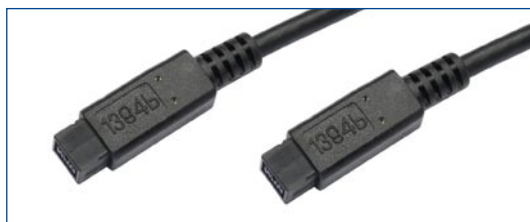
Item:	Length:	Colour:	≥ 1	≥ 10	≥ 50
FW4/4MM1,8	1.8 m	black	1,58	1,38	1,29
FW4/4MM3	3.0 m	black	2,80	2,44	2,28

IEEE 1394B, 9 / 9



9 pin plug - 9 pin plug, bilingual
max. transfer rate up to 800 Mbps

- ▶ 2x2xAWG25 plus 2xAWG25
- ▶ PVC sheath
- ▶ UL 20379



Item:	Length:	Colour:	≥ 1	≥ 10	≥ 50
FW99MM1	1.0 m	black	2,56	2,23	2,08
FW99MM2	2.0 m	black	3,09	2,70	2,52
FW99MM3	3.0 m	black	3,68	3,21	3,00
FW99MM4,5	4.5 m	black	4,70	4,10	3,83

IEEE 1394B, 9 / A, 6

9 pin plug - 6 pin plug, bilingual
max. transfer rate up to 800 Mbps



- ▶ 2x2xAWG28 plus 2xAWG22
- ▶ PVC sheath
- ▶ UL 20276



Item:	Length:	Colour:	≥ 1	≥ 10	≥ 50
FW96MM1	1.0 m	black	2,22	1,94	1,81
FW96MM2	2.0 m	black	2,55	2,23	2,08
FW96MM3	3.0 m	black	3,06	2,67	2,49
FW96MM4,5	4.5 m	black	4,09	3,56	3,32

Computer
Printer Cables

High Quality, Centronics / SUB-D

fully plastic-moulded

36 pin Centronics plug - 25 pin SUB-D plug with long knurled screws



Item:	Length:	≥ 1	≥ 25	≥ 50
HK36/25MM1,8	1.8 m	1,89	1,65	1,55
HK36/25MM3	3.0 m	2,44	2,12	2,00
HK36/25MM5	5.0 m	2,77	2,42	2,27

High Quality, SUB-D Plug

★★★★
High
Quality

sealed
shatterproof

fully plastic-moulded

25 pin SUB-D plug - 25 pin SUB-D plug



Wiring 1:1

Item:	Length:	≥ 1	≥ 25	≥ 50
HK25/25MM1,8	1.8 m	2,72	2,36	2,25
HK25/25MM3	3.0 m	3,14	2,73	2,59
HK25/25MM5	5.0 m	3,97	3,45	3,28

High Quality, SUB-D Plug / Jack

★★★★
High
Quality

sealed
shatterproof

fully plastic-moulded

25 pin SUB-D plug - 25 pin SUB-D jack



Wiring 1:1

Item:	Length:	≥ 1	≥ 25	≥ 50
HK25/25MF1,8	1.8 m	2,63	2,28	2,17
HK25/25MF3	3.0 m	3,14	2,73	2,59
HK25/25MF5	5.0 m	4,08	3,55	3,37

High Quality, SUB-D 37 pin

★★★★
High
Quality

sealed
shatterproof

fully plastic-moulded

37 pin SUB-D plug - 37 pin SUB-D plug



Wiring 1:1

Item:	Length:	≥ 1	≥ 25	≥ 50
HK37/37MF2	2.0 m	4,79	4,16	3,96

High Quality, SUB-D 15 pin

fully plastic-moulded

15 pin SUB-D plug - 15 pin SUB-D jack

Wiring 1:1



Item:	Length:	≥ 1	≥ 25	≥ 50
HK15/15MF2	2.0 m	2,18	1,89	1,80
HK15/15MF5	5.0 m	3,20	2,77	2,64

SUB-D 9 pin

Snap-in housing

9 pin SUB-D connectors

Wiring 1:1



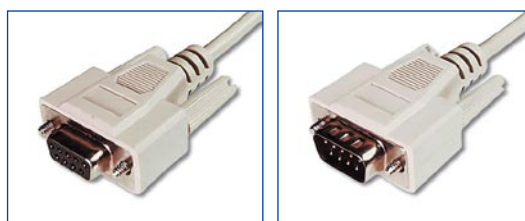
Item:	Description:	Length:	≥ 1	≥ 25	≥ 50
MVK02	Plug - Jack	1.8 m	1,24	1,07	1,02

High Quality, SUB-D 9 pin

fully plastic-moulded

9 pin SUB-D connectors

Wiring 1:1



Jack

Plug

Item:	Description:	Length:	≥ 1	≥ 25	≥ 50
MVK02M	Plug - Jack	2.0 m	1,56	1,35	1,28
MVK02M5	Plug - Jack	5.0 m	2,83	2,46	2,34
MVK03M	Plug - Plug	2.0 m	1,56	1,35	1,28
MVK03M5	Plug - Plug	5.0 m	2,83	2,46	2,34
MVK04M	Jack - Jack	2.0 m	1,61	1,40	1,33
MVK04M5	Jack - Jack	5.0 m	2,83	2,46	2,34

High Quality, SUB-D HD 15 pin

★★★★
High
Quality

sealed
shatterproof

fully plastic-moulded

15 pin SUB-D HD connectors

Wiring 1:1



Plug

Jack

Item:	Description:	Length:	≥ 1	≥ 25	≥ 50
HDK01M	Plug - Jack	2.0 m	2,25	1,95	1,86
HDK01M5	Plug - Jack	5.0 m	3,31	2,87	2,73
HDK02M	Plug - Plug	2.0 m	2,25	1,95	1,86

IEEE 1284 A SUB-D Plug / Jack

★★★★
High
Quality

sealed
shatterproof

fully plastic-moulded

25 pin SUB-D plug - 25 pin SUB-D jack



Item:	Length:	≥ 1	≥ 25	≥ 50
EPP05	2.0 m	2,14	1,99	1,88

IEEE 488 Bus



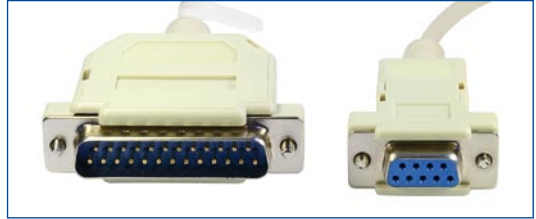
Universal bus cable, 24 pin Centronics plug - 24 pin Centronics jack, housings metallized, produced according to UL 2464

Item:	Length:	≥ 1	≥ 25	≥ 50
BK488/2	2.0 m	14,32	13,30	12,58

SUB-D



NM9/25FF



NM9/25FM



NM9/9FF

Item:	Description:	Length:	≥ 1	≥ 25	≥ 50
NM9/25FM	9 pin Jack - 25 pin Plug	2.0 m	1,57	1,40	1,26
NM9/25FF	9 pin Jack - 25 pin Jack	2.0 m	1,57	1,40	1,26
NM9/9FF	9 pin Jack - 9 pin Jack	2.0 m	1,16	1,04	0,93

Computer
Monitor Cables

VGA/SVGA

High quality monitor cable with 2 ferrite cores, fully plastic moulded, double shielded

Coax

★★★★
High Quality

Cable: UL2919, Wires: 3x Coax and 4x AWG28

Pin 9 not connected

15 pin SUB-D HD plug - 15 pin SUB-D HD plug



Item:	Length:	Colour:	≥ 1	≥ 25	≥ 50
SVGA1,5MM	1.5 m	black	3,00	2,61	2,44
SVGA2MM	2.0 m	black	3,38	2,95	2,75
SVGA3MM	3.0 m	black	4,01	3,50	3,26
SVGA5MM	5.0 m	black	5,77	5,03	4,70
SVGA7MM	7.0 m	black	7,07	6,16	5,75
SVGA10MM	10.0 m	black	9,74	8,50	7,93
SVGA15MM	15.0 m	black	13,30	11,60	10,83
SVGA20MM	20.0 m	black	16,99	14,82	13,82
SVGA25MM	25.0 m	black	22,21	19,37	18,08
SVGA30MM	30.0 m	black	24,19	21,11	19,69

VGA/SVGA Extension

★★★★
High
Quality

Coax



High quality monitor extension cable with 2 ferrite cores, fully plastic moulded, double shielded

Cable: UL2919, Wires: 3x Coax and 4x AWG28

Pin 9 not connected

15 pin SUB-D HD plug - 15 pin SUB-D HD jack

Item:	Length:	Colour:	≥ 1	≥ 25	≥ 50
SVGA2MF	2.0 m	black	3,38	2,95	2,75
SVGA3MF	3.0 m	black	4,03	3,51	3,28
SVGA5MF	5.0 m	black	5,87	5,12	4,78
SVGA7MF	7.0 m	black	6,78	5,92	5,52
SVGA10MF	10.0 m	black	9,64	8,41	7,84
SVGA15MF	15.0 m	black	11,86	10,35	9,66
SVGA20MF	20.0 m	black	14,78	12,89	12,03

BNC



monitor cable with ferrite core for VGA/SVGA, fully plastic moulded, shielded

15 pin SUB-D HD plug - 5 BNC plugs

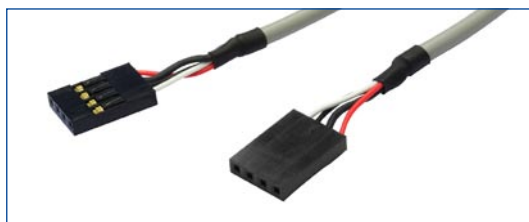
Pin 9 not connected

Item:	Length:	Colour:	≥ 1	≥ 25	≥ 50
VGA5BNC/F	1.8 m	black	10,54	9,41	8,41

Computer

CD-ROM Cables

Audio Connection



4 pin jack - 4 pin jack

CDROM5

Item:	Pitch:	Length:	≥ 1	≥ 25	≥ 50
CDROM4	2.0	0.5 m	0,68	0,60	0,54
CDROM5	2.54	0.5 m	0,73	0,65	0,58

Extension, PS/2

suitable for IBM PS/2 and compatible computers, moulded connectors

6 pin mini DIN plug - 6 pin mini DIN jack



TV24G2 & TV26G5

Item:	Description:	Length:	≥ 1	≥ 25	≥ 50
TV24G2	straight cord	2.0 m	0,98	0,87	0,78
TV26G5	straight cord	5.0 m	1,46	1,30	1,16

PS/2

suitable for IBM PS/2 and compatible computers, straight cord

6 pin mini DIN plug - 6 pin mini DIN plug



Item:	Length:	≥ 1	≥ 25	≥ 50
TK28G2	2.0 m	1,04	0,93	0,83
TK28G5	5.0 m	1,69	1,51	1,35

Computer
Floppy Connecting Cables

3 1/2"

These cables allow for the connection of 2 internal 3 1/2" floppy disk drives to an XT, AT or compatible computer via 34 pin IDC sockets.

CONFIGURATION			
1 - 1	10 - 16	17-17	
	11 - 15		
	12 - 14		
to	13 - 13	to	
	14 - 12		
	15 - 11		
9 - 9	16 - 10	34 - 34	



Item:	Length:	≥ 1	≥ 25	≥ 50
DK07	75 cm	0,75	0,67	0,60

3 1/2", round

These round Airflowcables have been splitted and sheathed to reduce their air drag, thus greatly enhancing the air circulation and therefore significantly reducing the temperature. These cables meet the high quality demands of the ATA specifications, thus excluding any interferences.

34-wire round cable in plastic sheath, AWG28, 3 x 34 pin IDC sockets



Item:	Description:	Length:	≥ 1	≥ 25	≥ 50
FA3R	for 3 1/2" Floppy	60 cm	1,98	1,80	1,72

AT-Bus



ATBK01



ATBK02

40 pin IDC socket - 40 pin IDC socket

Item:	Description:	HDD:	Length:	≥ 1	≥ 25	≥ 50
ATBK01	1x - 1x	1	60 cm	0,69	0,61	0,57
ATBK02	1x - 2x	2	60 cm	0,77	0,69	0,62

Ultra ATA IDE



These cables allow for the connection of 2 internal hard disk drives to a computer via 40 pin IDC sockets. Blue is board, black is master, grey is slave. ATA100 standard for transfer rates of up to 100 MB/s. Cable UL2378, PVC AWG30, 80-wire

Item:	Description:	Length:	≥ 1	≥ 10	≥ 25
ATA100	max. 100 MB/s	45 cm	0,92	0,81	0,76
ATA1006	max. 100 MB/s	60 cm	1,24	1,09	1,01

Ultra ATA IDE, round



ATA133R60

These round cables allow for the connection of 2 internal hard disk drives to a computer via 40 pin IDC sockets. Blue is board, black is master, grey is slave. UL 20276, 80 x AWG30, twisted pair, Shielding made from aluminium-laminated foil and wire mesh



ATA133R90

Item:	Description:	Length:	≥ 1	≥ 10	≥ 25
ATA133R60	max. 133 MB/s	60 cm	4,03	3,48	3,23
ATA133R90	max. 133 MB/s	90 cm	5,00	4,33	4,02

S-ATA

7 pin Serial ATA connector cable



SAWW



SAW



SA

Item:	Plug:	Length:	≥ 1	≥ 10	≥ 25
SA05	straight - straight	0.5 m	0,72	0,64	0,60
SA1	straight - straight	1.0 m	0,98	0,86	0,81
SAW05	straight - right angled	0.5 m	0,97	0,85	0,80
SAW1	straight - right angled	1.0 m	1,26	1,11	1,04
SAWW05	right angled - right angled	0.5 m	1,14	1,02	0,91
SAWW1	right angled - right angled	1.0 m	1,48	1,32	1,18

S-ATA II

7 pin Serial ATA II connector cable



Item:	Connector:	Length:	≥ 1	≥ 10	≥ 25
SA052	Plug - Plug	0.5 m	1,43	1,28	1,14
SA12	Plug - Plug	1.0 m	1,76	1,57	1,40
SA22	Plug - Plug	2.0 m	2,42	2,16	1,93

eSATA

7 pin external Serial ATA connector cable

- ▶ suitable for connecting external devices
- ▶ features straight connectors



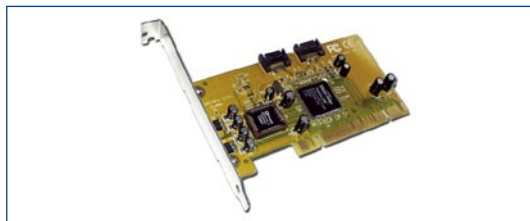
Item:	Connector:	Length:	≥ 1	≥ 10	≥ 25
ESA205	Plug - Plug	0.5 m	2,94	2,62	2,34
ESA21	Plug - Plug	1.0 m	3,74	3,34	2,98
ESA22	Plug - Plug	2.0 m	5,39	4,82	4,31

S-ATA ContReel



2-channel Serial-ATA controller for PCI slot

Delivered including CD-Rom with drivers



Item:		≥ 1	≥ 5	≥ 10
SAPCI		6,59	5,99	5,73

USB 2.0 Interface



USB 2.0 PCI interface card

- ▶ Fully compliant with USB 2.0 specifications
- ▶ Downward compatible with USB 1.1
- ▶ Transfer rates of 1.5, 12 and 480 Mbps
- ▶ Terminals are independent of each other
- ▶ PCI Bus



USB2PCI4

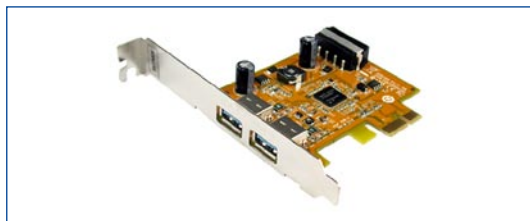
Item:	Version:	≥ 1	≥ 5	≥ 10
USB2PCI2	2x	6,73	6,28	6,07
USB2PCI4	4x	6,65	6,20	6,00

USB 3.0 Controller



USB 3.0 PCI Express adaptor card

- ▶ 2 x USB 3.0 Super-Speed terminal, external
- ▶ USB 3.0 specification Rev. 1.0
- ▶ PCI Express specification Rev. 2.0
- ▶ compatible with USB 3.0 / USB 2.0 and USB 1.1 devices
- ▶ USB data transmission rate up to 5000 Mbps
- ▶ suitable for Windows XP/2003/Vista/7 (x86/x64)



delivered including CD with drivers

Item:		≥ 1	≥ 5	≥ 10
U3PCIE2		35,52	33,12	32,05

USB / Motherboard

2 x USB A jacks - 1 x PCB plug (2 x 5 pin)

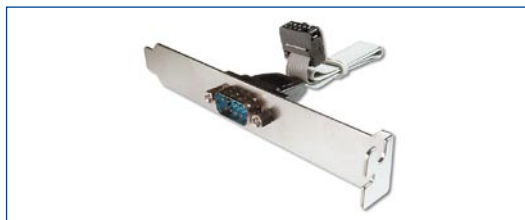


Item:		≥ 1	≥ 25	≥ 50
USBK1		1,11	0,96	0,89

SUB-D

These slot bracket cables allow for the connection to multi-serial cards

9 pin SUB-D plug - 10 pin IDC socket, pin 10 with peg



Item:	Length:	≥ 1	≥ 10	≥ 50
VB9/10	25 cm	1,12	0,99	0,93

RS-232

These slot bracket cables allow for the connection of RS-232 serial ports to multi I/O cards.

25 pin SUB-D jack - 26 pin IDC socket



Item:	Length:	≥ 1	≥ 10	≥ 50
VB25F/26	30 cm	1,65	1,46	1,37

SUB-D 15 pin

15 pin SUB-D jack - 16 pin IDC socket



Item:	Length:	≥ 1	≥ 10	≥ 50
VB15F/16	30 cm	1,38	1,22	1,15

Slot Brackets

with cuttings suitable for SUB-D connectors

Item:	Description:	≥ 1	≥ 10	≥ 50
KBL	without cutting	0,302	0,268	0,252
KBL9	for 1 x 9 pin SUB-D	0,302	0,268	0,252
KBL9/25	for 1 x 9 pin and 1 x 25 pin SUB-D	0,302	0,268	0,252

Plug / 2 x Jack



YK3



YK5



YK5-3

These cables allow for the connection of 2 drives to one power output

Item:	Description:	Length:	≥ 1	≥ 10	≥ 50
YK3	5 1/4" power plug - 2 x 3 1/2" power jack	20 cm	0,50	0,45	0,42
YK5	5 1/4" power plug - 2 x 5 1/4" power jack	20 cm	0,50	0,45	0,42
YK5/3	5 1/4" power plug - 3 1/2" and 5 1/4" power jack	20 cm	0,50	0,45	0,42

Plug / Jack



PA01



PA02



PA03

Item:	Description:	Length:	≥ 1	≥ 10	≥ 50
PA01	5 1/4" power plug - 3 1/2" power jack	20 cm	0,51	0,45	0,42
PA02	5 1/4" power plug - 5 1/4" power jack	20 cm	0,58	0,52	0,48
PA03	3 1/2" power jack - 3 1/2" power jack	20 cm	0,35	0,31	0,29

Computer

ATX Power Supply Cables

Extension, 20 pin

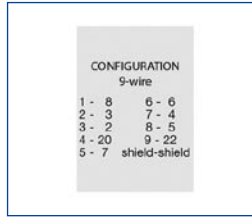


Item:	No. of contacts:	Length:	≥ 1	≥ 10	≥ 25
ATXV02	20	20 cm	2,89	2,58	2,30

Mouse / Modem

assembled housings

9 pin SUB-D connector - 25 pin SUB-D connector



Item:	Description:	Length:	≥ 1	≥ 25	≥ 50
ATA01	Jack - Plug	0.25 m	1,10	0,97	0,91

PS/2 / Notebook

These adaptor cables allow for the connection of a keyboard and a mouse to the notebook's keyboard jack via PS/2, moulded design

6 pin mini-DIN plug - 2 x 6 pin mini-DIN jacks



Item:	Length:	≥ 1	≥ 25	≥ 50
PS2NAK15	15 cm	1,09	0,96	0,90

HDD, 2 1/2" - 3 1/2"

These adaptor cables allow for the direct connection of a 2 1/2" hard disk drive for notebooks to a motherboard's IDE bus.

Features connector for power supply of the hard disk drive



Item:	Length:	≥ 1	≥ 10	≥ 25
FA2535K	45 cm	3,76	3,36	3,00



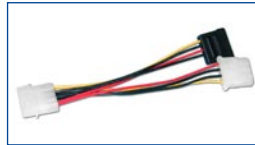
S-ATA / Floppy



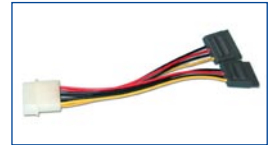
SAPOK



SAPO



SAPO2



SAPO3



SASK1

Item:	Description:	≥ 1	≥ 10	≥ 25
SAPOK	Compact adaptor, S-ATA 15 pin on 5¼" power plug	1,05	0,94	0,84
SAPO	Adaptor cable, S-ATA 15 pin on 5¼" power plug, 20 cm	1,20	1,08	0,96
SAPO2	Adaptor cable, S-ATA 15 pin / 5¼" power plug on 5¼" power plug, 20 cm	1,48	1,31	1,23
SAPO3	Adaptor cable, 2 x S-ATA 15 pin on 5¼" power plug, 20 cm	1,50	1,33	1,25
SASK1	Adaptor cable, S-ATA (7+15) pin on S-ATA 7 pin, 50 cm / 5¼" power plug, 16 cm	2,28	2,02	1,90

ATX Power Supply



ATX2420



ATX48

Item:	Description:	Length:	≥ 1	≥ 10	≥ 25
ATX2420	24 pin Plug - 20 pin Jack	15 cm	2,39	2,11	1,99
ATX48	4 pin Jack - 8 pin Plug	20 cm	1,25	1,12	1,00

ATX / AT



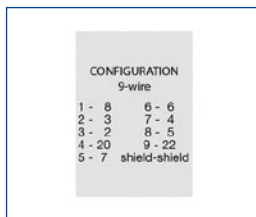
Item:	Description:	Length:	≥ 1	≥ 10	≥ 25
ATXAT	ATX Jack 20 pin - 2 x AT Plug 6 pin	20 cm	2,76	2,46	2,20

Mouse / Modem, moulded

Mouse / AT-joystick adaptors

moulded plug-in adaptors with knurled screws

9 pin SUB-D connector - 25 pin SUB-D connector



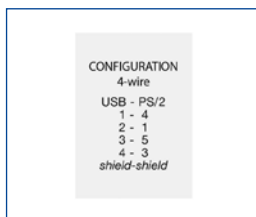
MA01

Item:	Description:	Length:	≥ 1	≥ 25	≥ 50
MA01	Jack - Plug	6 cm	0,94	0,83	0,78
MA02	Plug - Jack	6 cm	1,04	0,92	0,87
SA9/25FF	Jack - Jack	6 cm	0,95	0,84	0,79
SA9/25MM	Plug - Plug	6 cm	0,87	0,77	0,73

USB / PS/2

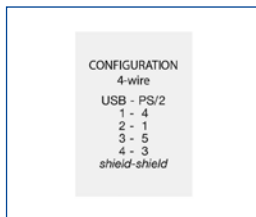
moulded design

USB A connector - 6 pin mini DIN connector



MA04

MA04



MA05

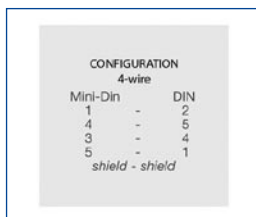
MA05

Item:	Description:	Length:	≥ 1	≥ 25	≥ 50
MA04	Jack - Plug	6 cm	0,80	0,72	0,64
MA05	Plug - Jack	6 cm	0,80	0,72	0,64

PS/2 / Keyboard

moulded design

5 pin DIN connector - 6 pin mini DIN connector



PS2TA02

Item:	Description:	Connection:	Length:	≥ 1	≥ 25	≥ 50
PS2TA01	Jack - Plug	AT keyboard with PS/2 computer	5.6 cm	0,70	0,63	0,56
PS2TA02	Plug - Jack	PS/2 keyboard with AT computer	5.6 cm	0,66	0,59	0,53

SUB-D / Modular



MA8/25M



MA8/9M

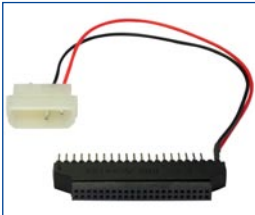


MA8/9F

These adaptors allow for easy connections between 9 pin or 25 pin SUB-D interfaces via economical 6-wire or 8-wire modular cable.

Item:	Description:	≥ 1	≥ 25	≥ 50
MA8/25M	RJ-45 Jack 8 pin - SUB-D Plug 25 pin	0,76	0,67	0,63
MA8/25F	RJ-45 Jack 8 pin - SUB-D Jack 25 pin	0,76	0,67	0,63
MA6/9F	RJ-12 Jack 6 pin - SUB-D Jack 9 pin	0,68	0,60	0,57
MA8/9M	RJ-45 Jack 8 pin - SUB-D Plug 9 pin	0,79	0,71	0,63
MA8/9F	RJ-45 Jack 8 pin - SUB-D Jack 9 pin	0,79	0,71	0,63

HDD, 2 1/2" auf 3 1/2"



These adaptors allow for the connection of a 2½" hard disk drive for notebooks to a common AT-bus cable.

Features connector for power supply of the hard disk drive

Item:	≥ 1	≥ 10	≥ 25
FA2535	2,33	2,03	1,89

USB, compact



USBAB/MF



USBAB/FM



USBAB/FF



USBAA/FF



USBAA/MM



USBBB/FF

Item:	Description:	≥ 1	≥ 25	≥ 50
USBAB/MF	USB A Plug to USB B Jack	0,75	0,67	0,59
USBAB/FM	USB A Jack to USB B Plug	0,60	0,54	0,48
USBAB/FF	USB A Jack to USB B Jack	0,70	0,63	0,56
USBAA/FF	USB A Jack to USB A Jack	0,55	0,49	0,44
USBAA/MM	USB A Plug to USB A Plug	0,64	0,57	0,51
USBBB/FF	USB B Jack to USB B Jack	0,89	0,79	0,71

USB A / Mini B, compact



USB AFD5



USB AMD5

Item:	Description:	≥ 1	≥ 25	≥ 50
USBAMD5	USB A Plug to 5 pin mini USB B Jack	1,38	1,23	1,10
USB AFD5	USB A Jack to 5 pin mini USB B Plug	1,18	1,05	0,94

USB / IrDA

Allows for data transfer between IrDA v1.2 compliant devices and computers.

- ▶ Compact, lightweight design
- ▶ Powered by the USB jack
- ▶ IrDA v1.2
- ▶ USB specification 1.1 (max. 12 Mbps)
- ▶ Supports Win98, Win2000, WinXP and Mac OS



Item:	≥ 1	≥ 3	≥ 5
USBIRD A	8,54	8,24	8,11

Delivered in retail-package including USB cable and driver.

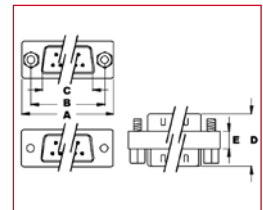
Computer Mini-Gender-Changer

Information

Mini-Gender-Changer

These miniature gender changers allow for connecting incompatible cables, thus preventing modifications or changes. SUB-D connectors, assignment 1:1.

- ▶ **Specification:**
 - Contact plating:** gold flash
 - Voltage:** 300 VAC
 - Withstand voltage:** 1000 VAC
 - Current rating:** 5 A
 - Contact resistance:** 10 mΩ max.
 - Insulation resistance:** 500 MΩ min.



Mini Gender-Changer



SUB-D connectors

Dimensions (mm):	9 pin:	15 pin:	25 pin:
A:	31.0	39.2	53.2
B:	24.9	33.0	47.0
C:	16.9	24.5	38.5
D:	18.0	18.0	18.0
E:	6.0	6.0	6.0

Item:	Description:	No. of contacts:	≥ 1	≥ 10	≥ 50
MGC9MM	plug - plug	9	1,02	0,91	0,81
MGC9MF	plug - jack	9	1,02	0,91	0,81
MGC9FF	jack - jack	9	1,07	0,95	0,85
MGC15MM	plug - plug	15	1,13	1,01	0,90
MGC15MF	plug - jack	15	1,13	1,01	0,90
MGC15FF	jack - jack	15	1,18	1,05	0,94
MGC25MM	plug - plug	25	1,24	1,11	0,99
MGC25MF	plug - jack	25	1,24	1,11	0,99
MGC25FF	jack - jack	25	1,33	1,19	1,06

Mini Gender-Changer, High Density



high density connectors, e.g. for SVGA

Dimensions (mm):	15 pin:
A:	31.0 mm
B:	24.9 mm
C:	16.9 mm
D:	18.0 mm
E:	6.0 mm

Item:	Description:	No. of contacts:	≥ 1	≥ 10	≥ 50
MGC15HD/MM	plug - plug	15 HD	1,48	1,32	1,18
MGC15HD/MF	plug - jack	15 HD	1,58	1,41	1,26
MGC15HD/FF	jack - jack	15 HD	1,63	1,46	1,30

8-Form Jack

All-purpose powercord, europlug - IEC C7 line socket, 2 x 0.75 mm², suitable for european and imported devices, high quality design.



Cable: H03-VVH2-F



Item:	Colour:	Length:	≥ 1	≥ 50	≥ 100
EN90	black	0.9 m	0,88	0,73	0,62
EN120	black	1.2 m	1,23	0,88	0,79
EN200	black	2.0 m	1,64	1,17	1,06
EN200WS8	white	2.0 m	1,64	1,17	1,06

Stripped and Tinned

2-wire powercord with moulded europlug, opposite side 5 mm stripped and tinned, VDE approval.



Cable: H03-VVH2-F



Item:	Colour:	Length:	≥ 1	≥ 50	≥ 100
EN150SW	black	1.5 m	1,40	1,10	0,98
EN200SW	black	2.0 m	1,71	1,34	1,19
EN200WS	white	2.0 m	1,71	1,34	1,19

Extension

- ▶ europlug - eurojack
- ▶ PVC ribbon cable H03VVH2-F2 0,75 mm²
- ▶ 2.5 A / 250 V



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Item:	Colour:	Length:	≥ 1	≥ 3	≥ 5
B233284	white	2 m	2,34	2,14	2,04
B233285	white	3 m	2,82	2,58	2,46

Right Angle Plug - Stripped and Tinned



Right-angle CEE 7/4 Schuko plug, opposite side striped and tinned, VDE approval.

Cable: H05VV-F3G

Item:	Cross section:	Colour:	Length:	≥ 1	≥ 50	≥ 100
SN150GR	3 x 0.75 mm ²	grey	1.5 m	2,36	1,86	1,64
SN150SW	3 x 0.75 mm ²	black	1.5 m	2,24	1,76	1,56
SN200GR	3 x 0.75 mm ²	grey	2.0 m	3,47	2,73	2,42
SN200GR1	3 x 1.0 mm ²	grey	2.0 m	3,68	2,90	2,56
SN200SW	3 x 0.75 mm ²	black	2.0 m	3,47	2,73	2,42
SN200SW1	3 x 1.0 mm ²	black	2.0 m	3,68	2,90	2,56
SN200WS1	3 x 1.0 mm ²	white	2.0 m	3,68	2,90	2,56
SN300SW	3 x 0.75 mm ²	black	3.0 m	3,69	2,90	2,57
SN300SW1	3 x 1.0 mm ²	black	3.0 m	4,67	3,68	3,26
SN300WS1	3 x 1.0 mm ²	white	3.0 m	4,67	3,68	3,26

Straight Plug - Stripped and Tinned



Straight CEE 7/4 Schuko plug, opposite side striped and tinned.

Item:	Colour:	Layout:	Length:	≥ 1	≥ 50	≥ 100
SNG200SW	black	3 x 1.0 mm ²	2.0 m	2,53	2,17	2,05

Right Angle Plug - IEC C5 Line Socket



Right-angle CEE 7/4 Schuko plug - IEC C5 line socket, 10/16 A, 250 Vac, with double grounding clips, 3x0.75mm², suitable for Notebooks. VDE approval.

Cable: H05VV-F3G

Item:	Colour:	Length:	≥ 1	≥ 50	≥ 100
TC09/200	black	2.0 m	3,25	2,56	2,26

Extension

- ▶ Right-angle Schuko plug - Schuko coupler, both moulded
- ▶ PVC cable H05VV-F 3G 1,50 mm²
- ▶ 16 A / 250 V
- ▶ white extensions with child protection at the coupler



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MANN**



Item:	Colour:	Length:	≥ 1	≥ 3	≥ 5
B341200S	white	2 m	2,54	2,33	2,21
B341201S	white	3 m	3,61	3,31	3,15
B341202S	white	5 m	4,91	4,50	4,28
B341203S	white	10 m	8,90	8,15	7,75
B341184	black	2 m	3,04	2,78	2,65
B341185	black	3 m	3,92	3,59	3,42
B341186	black	5 m	5,66	5,18	4,93
B341189	black	10 m	10,09	9,24	8,79

Power Cables IEC

Right Angle Plug - Straight IEC Socket

Right-angle CEE7/4 Schuko plug - straight IEC C13 line socket, 10/16 A, 250 Vac. VDE approval.

Cable: H05VV-F3G



Item:	Colour:	Layout:	Length:	≥ 1	≥ 50	≥ 100
KGN2SW	black	3 x 0.75 mm ²	2.0 m	2,06	1,76	1,67
KGN2WS	white	3 x 0.75 mm ²	2.0 m	2,06	1,76	1,67
KGN2GR	grey	3 x 0.75 mm ²	2.0 m	2,06	1,76	1,67
KGN6SW	black	3 x 1.0 mm ²	3.0 m	4,64	4,15	3,65
KGN6WS	white	3 x 1.0 mm ²	3.0 m	4,64	4,15	3,65

Straight Plug - Straight IEC Socket

Straight CEE 7/4 Schuko plug - straight IEC C13 line socket. VDE approval



Item:	Colour:	Layout:	Length:	≥ 1	≥ 50	≥ 100
KG2SW	black	3 x 1.0 mm ²	2.0 m	2,49	2,13	2,01
KG2WS	white	3 x 1.0 mm ²	2.0 m	2,56	2,19	2,07

Right Angle Plug - Right Angle IEC Socket

Right-angle CEE 7/4 Schuko plug - right-angle IEC C13 line socket, 10/16 A, 250 Vac. VDE approval.

Cable: H05VV-F3G



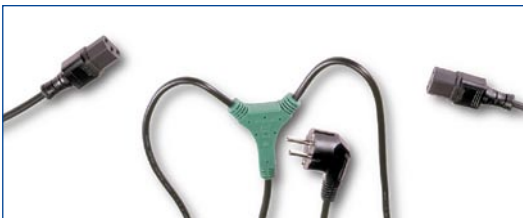
KGNW3SW

Item:	Colour:	Layout:	Length:	≥ 1	≥ 50	≥ 100
KGNW3SW	black	3 x 0.75 mm ²	2.0 m	2,63	2,28	2,17
KGNW4GR	grey	3 x 0.75 mm ²	2.0 m	2,63	2,28	2,17
KGNW5GR	grey	3 x 0.75 mm ²	2.5 m	3,08	2,68	2,55

Right Angle Plug - 2 x Straight IEC Socket

Right-angle CEE 7/4 Schuko plug - 2 x straight IEC C13 line sockets, 3x0.75 mm², 10/16 A, 250 Vac. VDE approval.

Cable: H05VV-F3G



Item:	Colour:	Length:	≥ 1	≥ 50	≥ 100
KGY2SW	black	2.0 m	3,63	3,15	3,00

different Countries

Country-specific power plug - straight IEC C13 line socket, 10/16 A, 250 Vac.

Colour: black



KGN2SWUS/E



KGN2SWUS



KGN2SWUKS



KGN2SWCH

Item:	Description:	Cable:	Length:	≥ 1	≥ 50	≥ 100
KGN2SWUS	USA	18AWGX3C	2.0 m	2,49	2,16	2,05
KGN2SWUS/E	USA with grounding pin	18AWGX3C	2.0 m	2,61	2,27	2,16
KGN2SWCH	Switzerland	H05VV-F3G0.75	2.0 m	2,38	2,06	1,96
KGN2SWUKS	England with 5A fuse	H05VV-F3G0.75	2.0 m	3,29	2,85	2,71

Extension

Power cord for connecting a monitor to a computer, also suitable as extension cord, IEC C13 line socket - IEC C14 plug, 3x0.75mm², 10/16 A, 250 Vac. VDE approval.



Cable: H05VV-F3G



Item:	Colour:	Length:	≥ 1	≥ 50	≥ 100
VK2SW	black	2.0 m	2,97	2,68	2,48
VK2GR	grey	2.0 m	2,97	2,68	2,48
VK2WS	white	2.0 m	2,97	2,68	2,48
VK5SW	black	5.0 m	5,65	5,09	4,71

8-Form Jack



NEMA 1 power plug - IEC C7 line socket, 2x18AWG.

Cable: 18AWGX2C



Item:	Colour:	Length:	≥ 1	≥ 50	≥ 100
EN300US	black	3.0 m	2,62	2,36	2,18

Power Cables

Schuko Connectors - Bachmann

Plug, Plastic

BACH
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- ▶ Mountable Schuko plug
- ▶ for cables H05VV-F 3G 0.75 / 1.0 / 1.5 mm²
- ▶ double safety system
- ▶ contacts nickel plated
- ▶ small break-proof design
- ▶ separate strain relief
- ▶ without losable parts
- ▶ 16A / 250V



B910200

Item:	Version:	Colour:	≥ 1	≥ 3	≥ 5
B910200	plastic plug	white	0,70	0,64	0,61
B910100	plastic plug	black	0,70	0,64	0,61

Jack, Plastic

BACH
MANN

- ▶ Mountable Schuko coupler
- ▶ for cables H05VV-F 3G 1.5 mm²
- ▶ small break-proof design
- ▶ made from plastic
- ▶ 16A / 250V



B912270

Item:	Version:	Colour:	≥ 1	≥ 3	≥ 5
B912270	plastic coupler	white	1,09	0,99	0,95
B912170	plastic coupler	black	1,09	0,99	0,95

Plug, Rubber

- ▶ Schuko rubber plug
- ▶ for cables up to H07RN-F 3G 2.50 mm²
- ▶ IP44, DIN 49441
- ▶ thermoplastic insert with double grounding
- ▶ rotary strain relief for different cable widths
- ▶ 16A / 250V



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B913171

Item:	Version:	Colour:	≥ 1	≥ 3	≥ 5
B913171	rubber plug	black	1,64	1,51	1,43

Jack, Rubber

- ▶ Schuko rubber coupler
- ▶ for cables up to H07RN-F 3G 2.50 mm²
- ▶ DIN 49440
- ▶ thermoplastic insert with safety contact and strain relief
- ▶ 16A / 250V



**BACH
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B913174

Item:	Version:	Colour:	≥ 1	≥ 3	≥ 5
B913174	rubber coupler	black	3,05	2,80	2,66

Jack with Cap, Rubber

- ▶ Schuko rubber coupler with cap
- ▶ for cables up to H07RN-F 3G 2.50 mm²
- ▶ IP 44, DIN 49440
- ▶ thermoplastic insert with safety contact and strain relief
- ▶ 16A / 250V



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B919176

Item:	Version:	Colour:	≥ 1	≥ 3	≥ 5
B919176	rubber coupler with cap	black	3,78	3,46	3,29

3x



- ▶ diagonally seated sockets
- ▶ shatter-proof housing
- ▶ solid contacts
- ▶ with child protection



TSD3/1,5WS

TSD3/1,5SW

approx. 1.5 m feed cable with CEE 7/4 Schuko plug

- ▶ **Specification:**
- Feed cable:** H05W-F3G1
- Current rating:** 16 A ~
- Voltage rating:** 250V, 3500W

Item:	Description:	Colour:	≥ 1	≥ 10	≥ 25
TSD3/1,5WS	3 x CEE 7/4 Schuko	white	2,35	2,22	2,09
TSD3/1,5BR	3 x CEE 7/4 Schuko	brown	2,35	2,22	2,09
TSD3/1,5SW	3 x CEE 7/4 Schuko	black	2,35	2,22	2,09

3x, Switch



- ▶ right-angle CEE 7/4 Schuko plug
- ▶ with illuminated control switch
- ▶ with child protection
- ▶ 1.4 m feed cable



TSD3WSS

TSD3SWS

- ▶ **Specification:**
- Feed cable:** H05VV-F3G1
- Current rating:** 16 A ~
- Voltage rating:** 250V, 3500 W

Item:	Description:	Colour:	≥ 1	≥ 10	≥ 25
TSD3WSS	3 x CEE 7/4 Schuko with rocker switch	white	2,67	2,43	2,33
TSD3SWS	3 x CEE 7/4 Schuko with rocker switch	black	2,67	2,43	2,33

6x, Switch



- ▶ CEE 7/4 Schuko, with rocker switch
- ▶ diagonally seated sockets
- ▶ 2-pin illuminated control switch
- ▶ shatter-proof housing
- ▶ solid contacts
- ▶ with child protection



TSD6SWS

1.5 m feed cable with CEE 7/4 Schuko plug

- ▶ **Specification:**
- Feed cable:** H05W-F3G1
- Current rating:** 10 A~
- Voltage rating:** 250V, 3500W

Item:	Description:	Colour:	≥ 1	≥ 10	≥ 25
TSD6WSS	6 x CEE 7/4 Schuko	white	3,46	3,15	3,02
TSD6SWS	6 x CEE 7/4 Schuko	black	3,46	3,15	3,02

8x, Switch

- ▶ combined CEE 7/4 Schuko and Euro, with rocker switch
- ▶ diagonally seated sockets
- ▶ 2-pin illuminated control switch
- ▶ shatter-proof housing
- ▶ solid contacts
- ▶ with child protection

1.5 m feed cable with CEE 7/4 Schuko plug

▶ **Specification:**

Feed cable: H05W-F3G1
Current rating: 10 A~
Voltage rating: 250V, 3500W



TSD8WSS

Item:	Description:	Colour:	≥ 1	≥ 10	≥ 25
TSD8WSS	4 x CEE 7/4 Schuko, 4 x Euro	white	3,62	3,30	3,16
TSD8SWS	4 x CEE 7/4 Schuko, 4 x Euro	black	3,62	3,30	3,16

Power Outlets Cable Boxes

4x

- ▶ 4 Schuko outlets with integrated thermal circuit breaker, 1 pin
- ▶ right angle plug with double safety system
- ▶ model with handle and crank
- ▶ 3500 W uncoiled, 1200 W coiled
- ▶ with child protection



B393002

Item:	Version:	Colour:	Length:	≥ 1	≥ 3	≥ 5
B393002	4x	black	10 m	14,96	14,40	13,85

Power Outlets 19" Multiple Sockets - Bachmann

Information

19" Multiple Sockets - Bachmann

- ▶ 19" ALU 1 HU outlets
- ▶ power supply for 19" cabinets
- ▶ feed cable 2.0 m, H05VV-F 3G 1.50 mm² black
- ▶ moulded right-angle Schuko plug with double safety system

9x

**BACH
MANN**

- ▶ 9 Schuko outlets
- ▶ outlets rotated 35°
- ▶ max. 16A / 3600W



B333401

Item:	Version:	Colour:	≥ 1	≥ 3	≥ 5
B333401	9x	light grey RAL 7035	26,89	25,90	24,90

8x with Over-Voltage Protection

**BACH
MANN**

- ▶ 8 Schuko outlets
- ▶ outlets rotated 35°
- ▶ over-voltage protection 6.5kA
- ▶ max. 16A / 3600W



B333404

Item:	Version:	Colour:	≥ 1	≥ 3	≥ 5
B333404	8x with Overvoltage protection	light grey RAL 7035	41,69	40,14	38,60

7x with Switch and Over-Voltage Protection

**BACH
MANN**

- ▶ 7 Schuko outlets
- ▶ outlets rotated 35°
- ▶ 2-pin switch, green illuminated
- ▶ over-voltage protection 6.5kA
- ▶ max. 16A / 3600W



B333405

Item:	Version:	Colour:	≥ 1	≥ 3	≥ 5
B333405	7x with Switch and OVP	light grey RAL 7035	41,69	40,14	38,60

12x IEC with Locking

- ▶ 12 IEC320 outlets C13
- ▶ lockable (Please order locking clips separately!)
- ▶ max. 10A / 2300W



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MANN**



B333616

Item:	Version:	Colour:	≥ 1	≥ 3	≥ 5
B333616	12x IEC	black	48,64	46,84	45,04

Accessories

Item:	Description	Page
B940102	12 locking clips black	747

Power Outlets

Accessories for 19" Multiple Sockets - Bachmann

Locking Clips for IEC sockets

- ▶ Set consisting of 12 locking clips for IEC320 outlets C13
- ▶ suitable for Bachmann 12x IEC multiple outlets with locking

**BACH
MANN**



B940102

Item:	Version:	Colour:	≥ 1	≥ 3	≥ 5
B940102	12 locking clips	black	3,47	3,34	3,21

Power Outlets

Classic Line Primo - Bachmann

Information

Classic Line Primo - Bachmann

- ▶ Multiple outlets for professionals
- ▶ black colour with silver-coloured aluminium profile
- ▶ with terminal strip, reconnectable
- ▶ feed cable 1.75 m, H05VV-F 3G 1.50 mm² black
- ▶ moulded right-angle Schuko plug with double safety system

Standard

**BACH
MANN** **ALU
Profil**★★★★
High
Quality

- ▶ Schuko outlets
- ▶ outlets rotated 35°
- ▶ max. 16A / 3600W



B331011

Item:	Version:	Dimensions:	≥ 1	≥ 3	≥ 5
B331010	6x	431 x 71 x 46 mm	15,90	15,31	14,73
B331011	9x	560 x 71 x 46 mm	26,77	25,78	24,79
B331012	12x	690 x 71 x 46 mm	31,36	30,20	29,04

with Switch

**BACH
MANN** **ALU
Profil**★★★★
High
Quality

- ▶ Schuko outlets
- ▶ outlets rotated 35°
- ▶ 2-pin switch, green illuminated
- ▶ max. 16A / 3600W



B330072

Item:	Version:	Dimensions:	≥ 1	≥ 3	≥ 5
B330071	6x with Switch	431 x 71 x 54 mm	17,43	16,78	16,14
B330072	9x with Switch	560 x 71 x 54 mm	28,46	27,40	26,35
B330073	12x with Switch	690 x 71 x 54 mm	32,90	31,68	30,46

with Over-Voltage Protection and Switch

**BACH
MANN** **ALU
Profil**★★★★
High
Quality

- ▶ Schuko outlets
- ▶ outlets rotated 35°
- ▶ 2-pin switch, green illuminated
- ▶ over-voltage protection 6.5kA
- ▶ max. 16A / 3600W



B331013

Item:	Version:	Dimensions:	≥ 1	≥ 3	≥ 5
B331013	6x with Switch and OVP	474 x 71 x 47 mm	33,51	32,27	31,03

with Full Device Protection and Switch

- ▶ Schuko outlets
- ▶ outlets rotated 35°
- ▶ 2-pin switch, green illuminated
- ▶ over-voltage protection 6.5kA
- ▶ line and frequency filter
- ▶ max. 16A / 3600W



B331071

Item:	Version:	Dimensions:	≥ 1	≥ 3	≥ 5
B331071	6x with Switch and FDP	560 x 71 x 54 mm	56,47	54,38	52,29
B331072	9x with Switch and FDP	690 x 71 x 54 mm	77,84	74,96	72,08

Power Outlets

Craftsman Power Strips - Bachmann



Craftsman Power Strips - Bachmann

- ▶ Rugged plastic multiple outlets, professional quality
- ▶ with strip terminal, reconnectable
- ▶ feed cable 2.0 m, H05VV-F 3G 1.50 mm² black
- ▶ moulded right-angle Schuko plug with double safety system

Standard



- ▶ Schuko outlets
- ▶ outlets rotated 90°
- ▶ 30 mm space between the outlets



B300000



B300001



B300002

Item:	Version:	Dimensions:	≥ 1	≥ 3	≥ 5
B300000	6x	445 x 74 x 45 mm	13,82	13,31	12,80
B300001	9x	575 x 74 x 45 mm	21,48	20,68	19,89
B300002	12x	746 x 74 x 45 mm	26,58	25,60	24,61

with Switch



- ▶ Schuko outlets
- ▶ outlets rotated 90°
- ▶ 30 mm space between the outlets
- ▶ 2-pin switch, green illuminated



B300003



B300004



B300005

Item:	Version:	Dimensions:	≥ 1	≥ 3	≥ 5
B300003	6x with Switch	445 x 74 x 45 mm	15,24	14,68	14,11
B300004	9x with Switch	617 x 74 x 45 mm	22,90	22,05	21,20
B300005	12x with Switch	789 x 74 x 45 mm	28,00	26,96	25,93

Information

Connect us - Bachmann

- ▶ Modular multiple outlets made from plastic
- ▶ feed cable 2.0 m, H05VV-F 3G 1.50 mm² black
- ▶ moulded right-angle Schuko plug with double safety system

with Switch

- ▶ Schuko outlets
- ▶ outlets rotated 35°
- ▶ 2-pin switch, orange illuminated
- ▶ max. 16A / 3600W



B330101



B330100



B330103



B330102

Item:	Version:	Dimensions:	≥ 1	≥ 3	≥ 5
B330100	4x with Switch	355 x 72 x 49 mm	8,90	8,57	8,24
B330101	6x with Switch	440 x 72 x 49 mm	10,50	10,11	9,73
B330102	9x with Switch	570 x 72 x 49 mm	13,05	12,57	12,09
B330103	12x with Switch	695 x 72 x 49 mm	15,90	15,31	14,73

with Full Device Protection and Switch

- ▶ Schuko outlets
- ▶ outlets rotated 35°
- ▶ 2-pin switch, orange illuminated
- ▶ over-voltage protection 6.5kA
- ▶ line and frequency filter
- ▶ max. 16A / 3600W



B330105

Item:	Version:	Dimensions:	≥ 1	≥ 3	≥ 5
B330105	6x with Switch and FDP	568 x 72 x 49 mm	26,57	25,58	24,60

with „Master & Slave“ Switch



- ▶ 1 Master and 4 Slave Schuko outlets
- ▶ with adjustable threshold 10 - 100W
- ▶ outlets rotated 35°
- ▶ max. 16A / 3600W



B330106

Item:			≥ 1	≥ 3	≥ 5
B330106	4 + 1x	480 x 72 x 42 mm	23,72	22,84	21,96

Power Outlets

Adaptors - Bachmann

Professional



- ▶ plug-in adaptor with over-voltage protection
- ▶ with optical operation and failure display
- ▶ short-circuit proof up to 4.5kA
- ▶ max. surge current 4500A at 8/20µ pulse
- ▶ max. over-voltage 6000V
- ▶ max. power consumption 165 joule at 10/100µ pulse, response time < 1ns
- ▶ with child protection



B919003

Item:	Version:	Colour:	≥ 1	≥ 3	≥ 5
B919003	Overvoltage protection	white	8,51	8,19	7,88

Power Outlets

Clock Timers - Bachmann



Clock Timers - Bachmann

- ▶ plastic timers with integrated child protection
- ▶ easy to operate
- ▶ 16A / 230V / 3600W

analog

- ▶ mechanical timers, 24h
- ▶ manually switching also possible
- ▶ shortest switching period 15 minutes
- ▶ up to 96 switching times per day (24h)



B852101

Item:	Version:	Colour:	≥ 1	≥ 3	≥ 5
B852101	analogue	white	3,21	3,09	2,98

digital

- ▶ digital timers, 24h
- ▶ with LCD
- ▶ integrated, rechargeable battery
- ▶ shortest switching period 1 minute
- ▶ daily and weekly programming possible
- ▶ built-in random generator
- ▶ reset option



B852103

Item:	Version:	Colour:	≥ 1	≥ 3	≥ 5
B852103	digital	white	7,16	6,89	6,63

Power Outlets

Energy Measurement Devices

EM 6000

digitally displays:

- ▶ power consumption
- ▶ energy costs
- ▶ CO2 emission
- ▶ measuring time
- ▶ cost forecast
- ▶ voltage
- ▶ current
- ▶ effective power



EM6000

intuitive operation by only 3 keys

Item:	Version:	Colour:	≥ 1	≥ 3	≥ 5
EM6000	energy meter	white	30,66	29,52	28,39

Information

Modular

Colour sequence:

4-pin: white, brown, green, yellow

6-pin: white, brown, green, yellow, grey, pink

8-pin: white, brown, green, yellow, grey, pink, blue, red

10-pin: white, brown, green, yellow, grey, pink, blue, red, black, violet

100 m Ring



MPFK8SW

according to DIN 47100

minimum order quantity: 1 PU = 100 m ring

► **Specification:**

Conductor width: 28 AWG

Conductor layout: 7/0.12

Dimensions (mm)

Item:	No. of contacts:	Colour:	Outer dimensions:	≥ 100	≥ 300	≥ 500
MPFK4SW	4	black	(2.40-4.80)± 0.15	0,182	0,162	0,145
MPFK4GR	4	grey	(2.40-4.80)± 0.15	0,177	0,158	0,141
MPFK6SW	6	black	(2.40-6.80)± 0.15	0,255	0,227	0,203
MPFK6SI	6	silver	(2.40-6.80)± 0.15	0,268	0,240	0,214
MPFK8SW	8	black	(2.40-8.60)± 0.15	0,319	0,284	0,254
MPFK10SW	10	black	(2.40-10.60)± 0.15	0,37	0,33	0,31

500 m Reel



MPFK8SW500

according to DIN 47100

minimum order quantity: 1 PU = 500 m reel

► **Specification:**

Conductor width: 28 AWG

Conductor layout: 7/0.12

Dimensions (mm)

Item:	No. of contacts:	Colour:	Outer dimensions:	≥ 500	≥ 1000	≥ 2000
MPFK4SW500	4	black	(2.40-4.80)± 0.15	0,150	0,132	0,124
MPFK6SW500	6	black	(2.40-6.80)± 0.15	0,221	0,195	0,184
MPFK8SW500	8	black	(2.40-8.60)± 0.15	0,287	0,254	0,238

shielded with Drain Wire, 100 m Ring



MPFK4SW/GB

according to DIN 47100

minimum order quantity: 1 PU = 100 m ring

► **Specification:**

Conductor width: 28 AWG

Conductor layout: 7/0.12

Dimensions (mm)

Item:	No. of contacts:	Colour:	Outer dimensions:	≥ 100	≥ 300	≥ 500
MPFK4SW/GB	4	black	(2.50-4.90)± 0.15	0,202	0,178	0,168

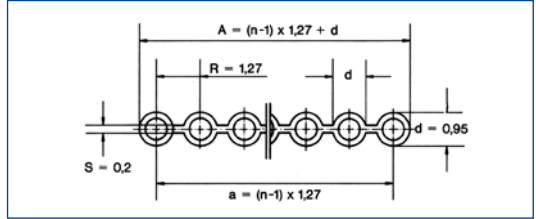
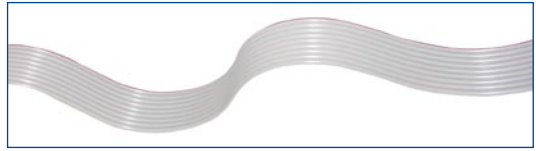
100 ft Reel

Pitch: 1.27 mm

minimum order quantity: 1 PU = 30.5 m (100 ft) ring

► Specification:

- Strands layout: copper, tin plated
- Operating voltage: 300 V
- Withstand voltage: 2000 Veff
- Conductor resistance: 240 Ω / km
- Capacitance at 1 KHz: 36 pF / m
- Inductance: 0.8 mH / m
- Impedance: 110 Ω
- Temperature range: -20°C up to +105°C
- UL style: 2651



Item:	No. of contacts:	≥ 30	≥ 91	≥ 152
AWG28/9GR	9	0,291	0,248	0,233
AWG28/10GR	10	0,308	0,273	0,257
AWG28/14GR	14	0,422	0,374	0,351
AWG28/16GR	16	0,477	0,422	0,397
AWG28/20GR	20	0,591	0,523	0,492
AWG28/25GR	25	0,731	0,646	0,608
AWG28/26GR	26	0,756	0,669	0,629
AWG28/34GR	34	0,999	0,884	0,831
AWG28/37GR	37	1,175	1,039	0,977
AWG28/40GR	40	1,175	1,039	0,977
AWG28/50GR	50	1,458	1,290	1,213
AWG28/64GR	64	1,851	1,637	1,539

250 ft Reel

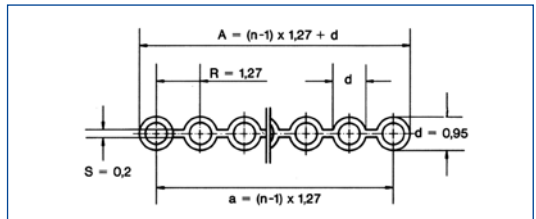
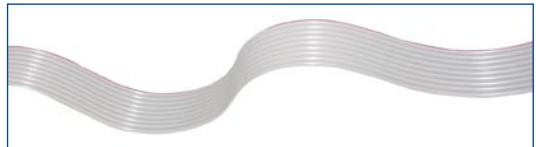
Pitch: 1.27 mm

minimum order quantity: 1 PU = 76.2 m (250 ft) ring

Please order the desired no. of rings.

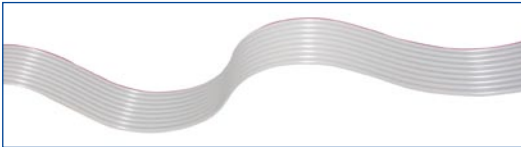
► Specification:

- Strands layout: copper, tin plated
- Operating voltage: 300 V
- Withstand voltage: 2000 Veff
- Conductor resistance: 240 Ω / km
- Capacitance at 1 KHz: 36 pF / m
- Inductance: 0.8 mH / m
- Impedance: 110 Ω
- Temperature range: -20°C up to +105°C
- UL style: 2651



Item:	No. of contacts:	≥ 1	≥ 5	≥ 10
10GR250	10	17,53	16,96	16,40
20GR250	20	33,89	32,79	31,70
25GR250	25	41,90	40,55	39,19
40GR250	40	66,27	64,13	61,99
50GR250	50	82,63	79,96	77,30

Reel

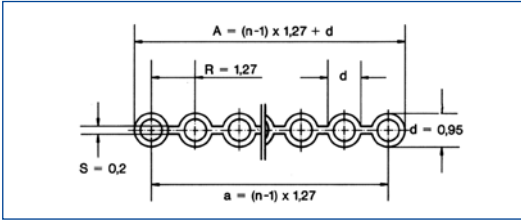


Pitch: 1.27 mm

minimum order quantity: 1 PU = 500 m (1640 ft) or 150 m (492 ft) reel

► Specification:

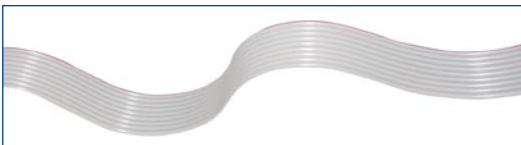
- Strands layout:** copper, tin plated
- Operating voltage:** 300 V
- Withstand voltage:** 2000 Veff
- Conductor resistance:** 240 Ω / km
- Capacitance at 1 KHz:** 36 pF / m
- Inductance:** 0.8 mH / m
- Impedance:** 110 Ω
- Temperature range:** -20°C up to +105°C
- UL style:** 2651



Item:	No. of contacts:		≥ 500	≥ 1500	≥ 2500
9GR500M	9	500 m	0,273	0,242	0,227
10GR500M	10	500 m	0,302	0,268	0,252
14GR500M	14	500 m	0,417	0,369	0,347
16GR500M	16	500 m	0,475	0,420	0,395
20GR500M	20	500 m	0,594	0,525	0,494
25GR500M	25	500 m	0,732	0,648	0,609
26GR500M	26	500 m	0,766	0,678	0,637

Item:	No. of contacts:		≥ 150	≥ 900	≥ 1800
34GR150M	34	150 m	1,024	0,906	0,852
40GR150M	40	150 m	1,196	1,058	0,995

LIYY, Pitch 1.0 mm

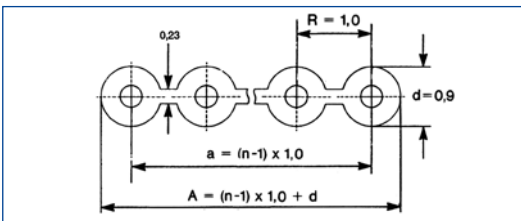


Pitch: 1.0 mm

minimum order quantity: 1 PU = 30.5 m (100 ft) ring

► Specification:

- max. Temperature:** 105°C
- Voltage:** 300 V
- UL style:** 2651



Item:	No. of contacts:		≥ 30	≥ 91	≥ 152
AWG28/9RM1	9		0,32	0,28	0,26
AWG28/10RM1	10		0,32	0,28	0,26
AWG28/14RM1	14		0,43	0,38	0,36
AWG28/16RM1	16		0,63	0,56	0,52
AWG28/20RM1	20		0,63	0,56	0,52
AWG28/44RM1	44		1,31	1,16	1,09
AWG28/50RM1	50		2,26	2,00	1,88

coloured

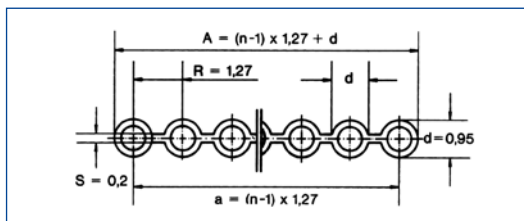
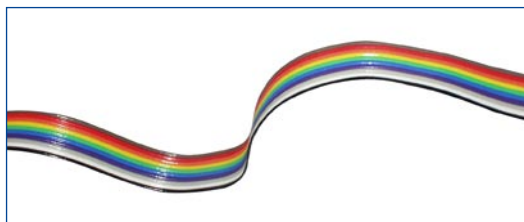
Pitch 1.27 mm

Colour sequence: brown, red, orange, yellow, green, blue, violet, grey, white, black

minimum order quantity: 1 PU = 30.5 m (100 ft) ring

► Specification:

- Operating voltage:** 300 V eff
- Dielectric voltage:** 2000 V eff
- Ampacity:** 1 A
- Capacitance:** 45 pF / m
- Conductor resistance:** 230 Ω / km
- impedance:** 104 Ω
- Crosstalk:** 60 dB (asymmetrical)
50 dB (symmetrical)
- Temperature range:** -30°C up to +105°C
- UL style:** 2651



Item:	No. of contacts:	≥ 30	≥ 91	≥ 152
AWG28/10F	10	0,40	0,36	0,34
AWG28/14F	14	0,56	0,50	0,47
AWG28/16F	16	0,65	0,57	0,54
AWG28/20F	20	0,81	0,71	0,67
AWG28/26F	26	1,05	0,93	0,87
AWG28/34F	34	1,37	1,21	1,14
AWG28/40F	40	1,61	1,43	1,34

Ribbon Cables
AWG 26

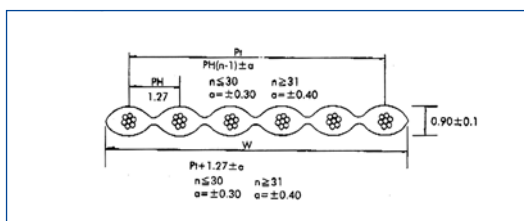
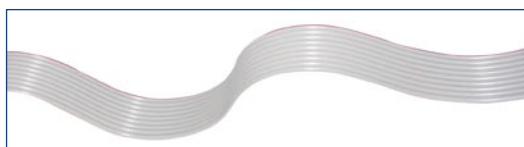
Pitch 1.27 mm

Pitch 1.27 mm

minimum order quantity: 1 PU = 30.5 m (100 ft) ring

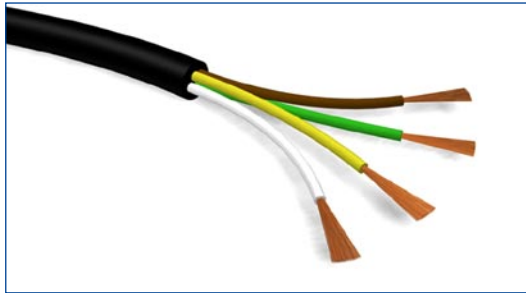
► Specification:

- Sheath:** PVC grey
- Operating voltage:** 300 V
- max. Temperature:** 105°C
- UL style:** 2651



Item:	No. of contacts:	≥ 30	≥ 91	≥ 152
AWG26/10GR	10	1,57	1,39	1,31
AWG26/16GR	16	1,56	1,39	1,31
AWG26/20GR	20	1,60	1,43	1,35
AWG26/26GR	26	3,00	2,65	2,49
AWG26/34GR	34	3,05	2,71	2,55

PVC, extremely flexible, LifYY

NEW kabeltronikhigh
flexible

for measuring-, signal- and control purposes. The cable fulfills highest requirements towards flexibility and bending load.

► **Specification:**

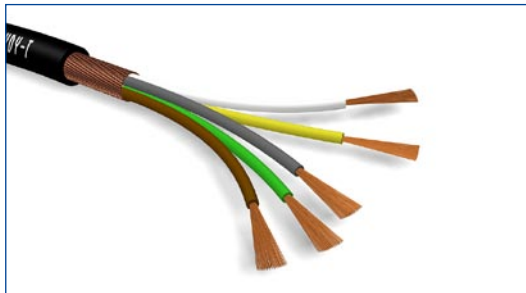
Conductor: bare stranded copper wire
Conductor insulation: PVC according to VDE 0207
Colour sequence: DIN 47100
Twisting: cores in layers
Sheath: S-PVC according to VDE 0207
Sheath colour: black, RAL 9005

Operating voltage: 900 V
Test voltage: 2500 V
Temperature range: -20°C up to +70°C (static)
 -5°C up to +70°C (dynamic)

Item:	Cross section:	Strands layout:	Outer diameter:	PU:	≥ 100	≥ 500	≥ 1000
LIFY2X05	2 x 0.50 mm ²	256 x 0.05 mm	5.0 mm	100 m ring	0,751	0,663	0,574
LIFY3X05	3 x 0.50 mm ²	256 x 0.05 mm	5.5 mm	100 m ring	0,886	0,782	0,678
LIFY4X05	4 x 0.50 mm ²	256 x 0.05 mm	6.0 mm	100 m ring	1,159	1,023	0,886
LIFY5X05	5 x 0.50 mm ²	256 x 0.05 mm	6.5 mm	100 m ring	1,381	1,218	1,056
LIFY7X05	7 x 0.50 mm ²	256 x 0.05 mm	7.1 mm	100 m ring	1,970	1,738	1,507
LIFY8X05	8 x 0.50 mm ²	256 x 0.05 mm	8.0 mm	100 m ring	2,274	2,006	1,739

Miniature, most flexible, LifYDY-T

kabeltronik

high
flexible

suitable for miniature devices, alarm systems, signaling and medicine systems, etc., where a high level of flexibility and good shielding with small outside diameter are necessary. Small but powerful equipment often requires heat-resistant parts.

► **Specification:**

Conductor: Cu conductor stranded, blank
Conductor insulation: PVC 105°C according to VDE 0207
Colour sequence: DIN 47100
Shield: Cu spiral shielding, blank
Sheath: PVC 105°C according to PVC Class 43
Sheath colour: black, semi gloss

Operating voltage: 300 V
Withstand voltage: 900 V
Temperature range: -15°C up to +105°C (static)
 -5°C up to +105°C (dynamic)

Item:	Cross section:	Strands layout:	Outer diameter:	PU:	≥ 100	≥ 500	≥ 1000
LIFYSYT2X008	2 x 0.08 mm ²	40 x 0.05 mm	3.0 mm	100 m reel	0,608	0,537	0,465
LIFYSYT3X008	3 x 0.08 mm ²	40 x 0.05 mm	3.3 mm	100 m reel	0,691	0,610	0,529
LIFYSYT4X008	4 x 0.08 mm ²	40 x 0.05 mm	3.5 mm	100 m reel	0,799	0,705	0,611
LIFYSYT5X008	5 x 0.08 mm ²	40 x 0.05 mm	3.8 mm	100 m reel	0,896	0,790	0,685
LIFYSYT8X008	8 x 0.08 mm ²	40 x 0.05 mm	4.3 mm	100 m reel	1,360	1,200	1,040

PVC, shielded, highly flexible, 2-LifYCY TP

suitable for all fields of electronics, measuring and control engineering. The twisted-pair structure provides for increased cross-talk attenuation. The overall shield protects from electrical interference factors.

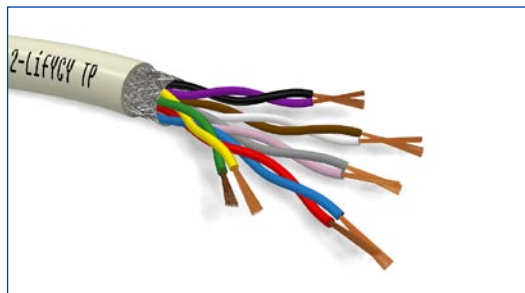
high
flexible

kabeltronik

► Specification:

Conductor: Cu conductor stranded, blank
Conductor insulation: PVC according to VDE 0207
Colour sequence: DIN 47100
Shield: Cu braid, tin plated
Sheath: PVC according to VDE 0207
Sheath colour: grey, RAL 7032

Operating voltage: 300 V
Withstand voltage: 500 V
Temperature range: -25°C up to +70°C (static)
 -5°C up to +70°C (dynamic)



Item:	Cross section:	Strands layout:	Outer diameter:	PU:	≥ 100	≥ 500	≥ 1000
2LIFYCY2X2	2 x 2 x 0.20 mm ²	102 x 0.05 mm	6.0 mm	100 m ring	1,388	1,224	1,061
2LIFYCY3X2	3 x 2 x 0.20 mm ²	102 x 0.05 mm	6.6 mm	100 m ring	1,891	1,669	1,446
2LIFYCY4X2	4 x 2 x 0.20 mm ²	102 x 0.05 mm	7.0 mm	100 m ring	2,293	2,023	1,753
2LIFYCY6X2	6 x 2 x 0.20 mm ²	102 x 0.05 mm	8.5 mm	100 m ring	2,728	2,407	2,086

Miniature, shielded, LifYDY

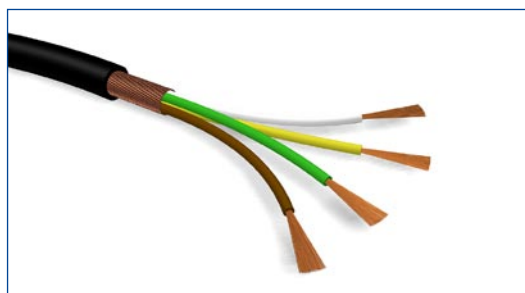
suitable for miniature devices, alarm systems, light barriers, signalling systems, etc., where the highest level of flexibility and failure safety with small outside diameter are necessary.

kabeltronik

► Specification:

Conductor: Cu conductor stranded, blank
Conductor insulation: PVC according to VDE 0207
Colour sequence: DIN 47100
Shield: Cu spiral shielding, blank
Sheath: S-PVC according to VDE 0207
Sheath colour: black, RAL 9005

Operating voltage: 300 V
Withstand voltage: 900 V
Temperature range: -20°C up to +70°C (static)
 -5°C up to +70°C (dynamic)

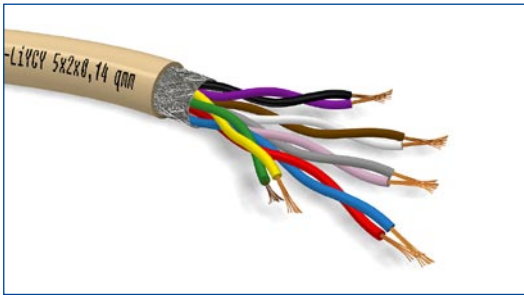


Item:	Cross section:	Strands layout:	Outer diameter:	PU:	≥ 250	≥ 500	≥ 1000
LIFYDY2	2 x 0.05 mm ²	26 x 0.05 mm	2.7 mm	250 m ring	0,364	0,321	0,278
LIFYDY3	3 x 0.05 mm ²	26 x 0.05 mm	2.8 mm	250 m ring	0,524	0,463	0,401
LIFYDY4	4 x 0.05 mm ²	26 x 0.05 mm	3.0 mm	250 m ring	0,615	0,542	0,470
LIFYDY5	5 x 0.05 mm ²	26 x 0.05 mm	3.2 mm	250 m ring	0,731	0,645	0,559
LIFYDY7	7 x 0.05 mm ²	26 x 0.05 mm	3.4 mm	250 m ring	0,952	0,840	0,728
LIFYDY8	8 x 0.05 mm ²	26 x 0.05 mm	3.7 mm	250 m ring	1,085	0,958	0,830

Item:	Cross section:	Strands layout:	Outer diameter:	PU:	≥ 100	≥ 500	≥ 1000
LIFYDY12	12 x 0.05 mm ²	26 x 0.05 mm	4.4 mm	100 m ring	1,588	1,401	1,214
LIFYDY16	16 x 0.05 mm ²	26 x 0.05 mm	4.8 mm	100 m ring	2,216	1,955	1,694
LIFYDY2X1	2 x 0.10 mm ²	51 x 0.05 mm	3.6 mm	100 m ring	0,477	0,421	0,365
LIFYDY3X1	3 x 0.10 mm ²	51 x 0.05 mm	3.7 mm	100 m ring	0,646	0,570	0,494
LIFYDY4X1	4 x 0.10 mm ²	51 x 0.05 mm	4.0 mm	100 m ring	0,765	0,675	0,585
LIFYDY5X1	5 x 0.10 mm ²	51 x 0.05 mm	4.3 mm	100 m ring	0,890	0,785	0,680
LIFYDY7X1	7 x 0.10 mm ²	51 x 0.05 mm	4.6 mm	100 m ring	1,105	0,975	0,845
LIFYDY8X1	8 x 0.10 mm ²	51 x 0.05 mm	4.9 mm	100 m ring	1,363	1,203	1,042
LIFYDY12X1	12 x 0.10 mm ²	51 x 0.05 mm	5.7 mm	100 m ring	1,845	1,628	1,411
LIFYDY16X1	16 x 0.10 mm ²	51 x 0.05 mm	6.3 mm	100 m ring	2,491	2,198	1,905

shielded, stranded pairs, 2-LiYCY TP

kabeltronik



suitable for measurement, signal and control engineering technology as well as for EDP peripherals. Pair twisting optimizes crosstalk attenuation and prevents electrical coupling within the line to a high degree.

► Specification:

Conductor:	Cu conductor stranded, blank
Conductor insulation:	PVC according to VDE 0207
Colour sequence:	DIN 47100
Shield:	Cu braid, tin plated
Sheath:	PVC according to VDE 0207
Sheath colour:	grey, RAL 7032

Operating voltage:	250 V
Withstand voltage:	2000 V
Temperature range:	-30°C up to +70°C (static) -5°C up to +70°C (dynamic)

Item:	Cross section:	Strands layout:	Outer diameter:	PU:	≥ 100	≥ 500	≥ 1000
2LIYCY2X2	2 x 2 x 0.14 mm ²	18 x 0.10 mm	5.7 mm	100 m ring	0,683	0,603	0,522
2LIYCY3X2	3 x 2 x 0.14 mm ²	18 x 0.10 mm	5.9 mm	100 m ring	0,876	0,773	0,670
2LIYCY4X2	4 x 2 x 0.14 mm ²	18 x 0.10 mm	6.2 mm	100 m ring	1,058	0,933	0,809
2LIYCY5X2	5 x 2 x 0.14 mm ²	18 x 0.10 mm	7.0 mm	100 m ring	1,277	1,127	0,977
2LIYCY6X2	6 x 2 x 0.14 mm ²	18 x 0.10 mm	8.0 mm	100 m ring	1,433	1,264	1,096
2LIYCY8X2	8 x 2 x 0.14 mm ²	18 x 0.10 mm	8.6 mm	100 m ring	1,803	1,591	1,379
2LIYCY12X2	12 x 2 x 0.14 mm ²	18 x 0.10 mm	10.4 mm	100 m ring	2,434	2,148	1,861

cULus certified, UL-LiYCY

kabeltronik



suitable for connections in the fields of the measuring and control engineering as well as in signal and impulse technology. Cable products for export to the American market have to be manufactured in accordance with UL specifications. The core insulation material SR-PVC makes the cable well suited for insulation displacement connections. Owing to a special PVC material, the outer jacket is highly resistant to oils and petrol, weather-proof and UV-resistant. The shield protects largely from electrical interference factors.

► Specification:

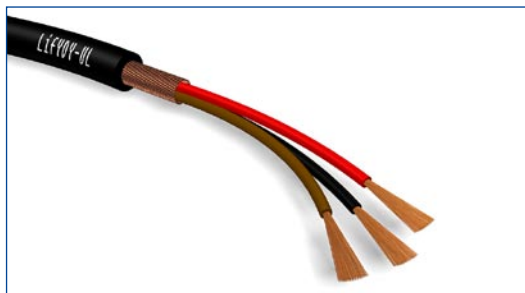
Conductor:	Cu conductor stranded, tin plated
Conductor insulation:	Semi-Rigid-PVC
Colour sequence:	international cores in layers
Winding:	Cu braid, tin plated
Shield:	coverage 85% special PVC
Sheath:	black, RAL 9005

Operating voltage:	300 V
Withstand voltage:	1500 V
Temperature range:	-30°C up to +80°C (static) -15°C up to +80°C (dynamic)

Item:	Cross section:	Strands layout:	Outer diameter:	PU:	≥ 100	≥ 300	≥ 500
LIYCY2UL	2 x AWG 26	7 x 0.16 mm	4.2 mm	100 m ring	0,78	0,68	0,59
LIYCY3UL	3 x AWG 26	7 x 0.16 mm	4.4 mm	100 m ring	0,85	0,75	0,65
LIYCY4UL	4 x AWG 26	7 x 0.16 mm	4.7 mm	100 m ring	0,96	0,85	0,73
LIYCY6UL	6 x AWG 26	7 x 0.16 mm	5.2 mm	100 m ring	1,08	0,95	0,82
LIYCY8UL	8 x AWG 26	7 x 0.16 mm	5.6 mm	100 m ring	1,30	1,15	1,00

Miniature, most flexible, UL-LifYDY

suitable for miniature devices, alarm systems, signaling and medicine systems, etc., where a high level of flexibility and good shielding with small outside diameter are necessary. The cord is UL-approved according to style 2936 and flame-resistant according to UL-VW1.



► **Specification:**

Conductor: Cu conductor stranded, blank
Conductor insulation: SR-PVC
Colour sequence: IC
Shield: Cu spiral shielding, blank
Sheath: PVC Class 43
Sheath colour: black, semi gloss

Operating voltage: 150 V
Withstand voltage: 1000 V
Temperature range: -30°C up to +80°C (static)
 -10°C up to +80°C (dynamic)

Item:	Cross section:	Strands layout:	Outer diameter:	PU:	≥ 100	≥ 500	≥ 1000
ULIFYDY2X008	2 x 0.08 mm ²	40 x 0.05 mm	2.9 mm	100 m reel	0,648	0,572	0,496
ULIFYDY3X008	3 x 0.08 mm ²	40 x 0.05 mm	3.0 mm	100 m reel	0,762	0,672	0,583
ULIFYDY4X008	4 x 0.08 mm ²	40 x 0.05 mm	3.2 mm	100 m reel	0,869	0,767	0,665
ULIFYDY5X008	5 x 0.08 mm ²	40 x 0.05 mm	3.5 mm	100 m reel	1,026	0,905	0,784
ULIFYDY8X008	8 x 0.08 mm ²	40 x 0.05 mm	4.1 mm	100 m reel	1,474	1,300	1,127

Sensor Cables

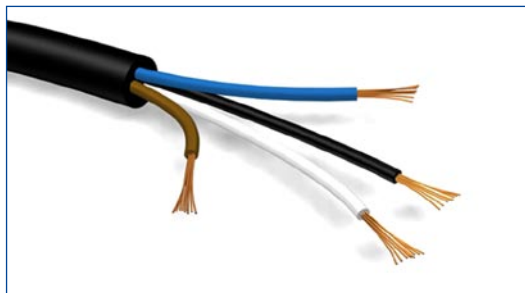
for connecting sensors and actors.



► **Specification:**

Conductor: bare stranded copper wire
Conductor insulation: PVC according to VDE 0207 part 4
Colour sequence: brown, blue, black (3 wire)
 brown, blue, black, white (4 wire)
Twisting: cores in layers
Sheath: S-PVC according to VDE 0207 part 5
 self-extinguishing and flame retardant according to IEC 60332-1
Sheath colour: black, RAL 9005

Operating voltage: 900 V
Test voltage: 2500 V
Temperature range: -50°C up to +70°C (static)
 -30°C up to +70°C (dynamic)



Item:	Cross section:	Strands layout:	Outer diameter:	PU:	≥ 100	≥ 500	≥ 1000
SEN3X025	3 x 0.25 mm ²	32 x 0.10 mm	4.5 mm	100 m ring	0,424	0,374	0,324
SEN4X025	4 x 0.25 mm ²	32 x 0.10 mm	4.5 mm	100 m ring	0,475	0,419	0,363
SEN3X034	3 x 0.34 mm ²	42 x 0.10 mm	5.0 mm	100 m ring	0,508	0,448	0,388
SEN4X034	4 x 0.34 mm ²	42 x 0.10 mm	5.0 mm	100 m ring	0,598	0,528	0,457

Miniature Sensor Cables

NEW kabeltronik

for connecting sensors and actors. Mechanical durability and a very good stability against oils as well as UV-radiation, will distinguish this line in the daily handling.

► **Specification:**

Conductor: bare stranded copper wire
Conductor insulation: PP
Colour sequence: brown, blue, black (3 wire)
 brown, blue, black, white (4 wire)
 brown, blue, black, white, grey (5 wire)
 DIN 47100 (8 wire)
Twisting: cores in layers
Sheath: two-component exterior PUR / interior PVC
Sheath colour: black, RAL 9005

Operating voltage: 300 V
Test voltage: 1200 V
Temperature range: -30°C up to +80°C (static)
 -15°C up to +80°C (dynamic)

Item:	Cross section:	Strands layout:	Outer diameter:	PU:	≥ 100	≥ 500	≥ 1000
SENM3X009	3 x 0.09 mm ²	19 x 0.079 mm	2.4 mm	100 m reel	0,690	0,609	0,528
SENM4X009	4 x 0.09 mm ²	19 x 0.079 mm	2.6 mm	100 m reel	0,807	0,712	0,617
SENM5X009	5 x 0.09 mm ²	19 x 0.079 mm	2.9 mm	100 m reel	0,915	0,808	0,700
SENM8X009	8 x 0.09 mm ²	19 x 0.079 mm	3.4 mm	100 m reel	1,342	1,184	1,026

Control Cables

LIYCY

0.14 qmm

VOKAVogtländisches
Kabelwerk GmbH

Shielded connection line for measurement, control and regulation equipment.

stranded conductor: 0.14 mm² (18 x 0.10 mm)
 Sheath: PVC, grey

minimum order quantity: 1 PU = 100 m ring

► **Specification:**

Conductor resistance: ≤ 138 Ω / km
Insulation resistance: ≥ 100 MΩ x km
Operating voltage: 350 V (not suitable for mains supply)
 800 V
Withstand voltage: 800 V
Temperature range: -5°C up to +50°C (dynamic)
 -30°C up to +80°C (static)

Item:	Cross section:	≥ 100	≥ 300	≥ 500
LIYCY4	4 x 0.14 mm ²	0,35	0,32	0,30
LIYCY6	6 x 0.14 mm ²	0,49	0,45	0,42
LIYCY8	8 x 0.14 mm ²	0,56	0,52	0,48
LIYCY10	10 x 0.14 mm ²	0,65	0,60	0,56
LIYCY16	16 x 0.14 mm ²	0,95	0,88	0,82

Other wire numbers available on demand!

0.25 qmm

Shielded connection line for measurement, control and regulation equipment.

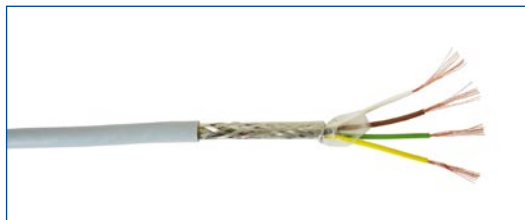


stranded conductor: 0.25 mm² (14 x 0.15 mm)
Sheath: PVC, grey

minimum order quantity: 1 PU = 100 m ring

► Specification:

- Conductor resistance:** ≤ 75.5 Ω / km
- Insulation resistance** ≥ 100 MΩ x km
- Operating voltage:** 500 V (not suitable for mains supply)
- Withstand voltage:** 1200 V
- Temperature range:** -5°C up to +50°C (dynamic)
-30°C up to +80°C (static)



Item:	Cross section:	≥ 100	≥ 300	≥ 500
LIYCY4X025	4 x 0.25 mm ²	0,43	0,40	0,38
LIYCY6X025	6 x 0.25 mm ²	0,47	0,44	0,41
LIYCY10X025	10 x 0.25 mm ²	0,69	0,64	0,61

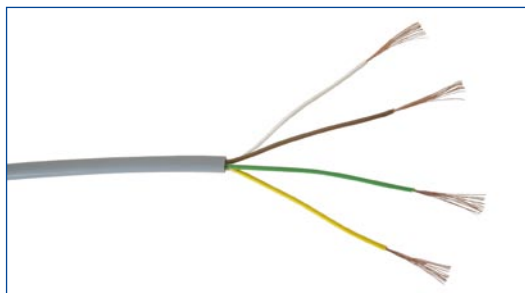
Other wire numbers available on demand!

0.14 qmm

LIYY 4 x 0,14 mm²

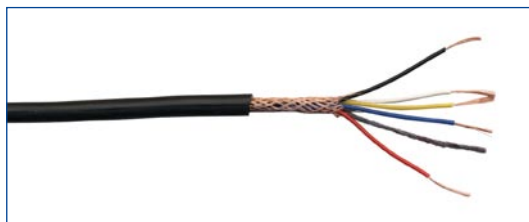
- finely stranded Cu-wire, blank
- Thermoplastic wire insulation
- PVC sheath

minimum order quantity: 1 PU = 100 m reel



Item:	No. of contacts:	Colour:	≥ 100	≥ 300	≥ 500
TK/100	4	grey	0,208	0,192	0,179

Microphone and Control Wires



MY104SW

black colour

minimum order quantity: 1 PU = 100 m reel



MY107SW



MY108SW



MY111SW



MY127SW



MY137SW



MY143SW

Item:	Description:	Conductor:	Shield:	Cable Ø :	Insulation:	≥ 100	≥ 300	≥ 500
MY104SW	round	5 x 0.14 mm ²	common	5.0 ± 0,2mm	PVC	0,64	0,59	0,55
MY107SW	round	1 x 0.08 mm ²	common	2.7 ± 0.2 mm	PE	0,23	0,22	0,20
MY108SW	round	2 x 0.08 mm ²	common	4.0 ± 0.2 mm	PVC	0,38	0,35	0,32
MY111SW	round	1 x 0.14 mm ²	common	2.7 ± 0.2 mm	PVC	0,30	0,28	0,26
MY127SW	round	4 x 0.08 mm ²	separately	5.3 ± 0.2 mm	PE	0,64	0,59	0,55
MY137SW	6x3mm flat	2 x 0.14 mm ²	separately	2 x 3.0 ± 0.2 mm	PE	0,39	0,36	0,34
MY143SW	round	4 x 0.14 mm ²	common	5.0 ± 0.2 mm	PVC	0,52	0,47	0,44

J-2Y(St)Y St III Bd

Communication cable in data transmission technology suitable for ranges of up to 120 m.



minimum order quantity: 1 PU = 100 m ring

► **Specification:**

- Conductor resistance:** $\leq 130 \Omega / \text{km}$
- Insulation resistance:** $\geq 5 \text{ G}\Omega \times \text{km}$
- Operating capacity:** $\leq 52 \text{ nF} / \text{km}$ (bei 800 Hz)
- Operating voltage:** 300 V (not suitable for mains supply)
- Withstand voltage:** 800 V, 1 min. (wire - wire)
2000 V, 1 min. (wire - shield)
- Temperature range:** -5°C up to +50°C (dynamic)
-30°C up to +70°C (static)



J2Y2X2X06

Item:	Layout:	Colour:	Max. Transfer rate:	≥ 100	≥ 300	≥ 500
J2Y2X2X06	2 x 2 x 0.6 mm	grey, RAL 7032	10 Mbps	0,31	0,28	0,26
J2Y4X2X06	4 x 2 x 0.6 mm	grey, RAL 7032	10 Mbps	0,54	0,48	0,46
J2Y6X2X06	6 x 2 x 0.6 mm	grey, RAL 7032	10 Mbps	0,72	0,63	0,61
J2Y10X2X06L	10 x 2 x 0.6 mm	grey, RAL 7032	16 Mbps	1,18	1,05	1,01

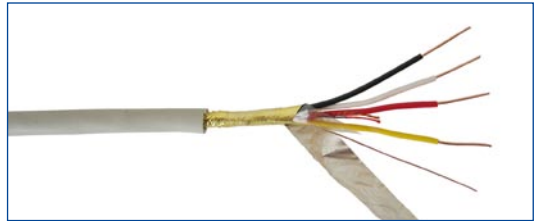
JYSTY, VDE 0815

Communication cable for permanent installation.



- solid copper conductor
- PVC insulation
- star quad
- plastic-laminated metal foil shielding
- PVC sheath

minimum order quantity: 1 PU = 100 m reel



Item:	No. of contacts:	Colour:	≥ 100	≥ 300	≥ 500
JYSTY2X2X06	4 (2 x 2 x 0.6 mm)	grey	0,21	0,19	0,18
JYSTY4X2X06	8 (4 x 2 x 0.6 mm)	grey	0,38	0,35	0,33
JYSTY6X2X06	12 (6 x 2 x 0.6 mm)	grey	0,55	0,50	0,47
JYSTY8X2X06	16 (8 x 2 x 0.6 mm)	grey	0,71	0,65	0,61
JYSTY10X2X06	20 (10 x 2 x 0.6 mm)	grey	0,80	0,73	0,69
JYSTY2X2X08B	4 (2 x 2 x 0.8 mm)	red, Imprint: BRANDMELDEKABEL	0,31	0,27	0,26

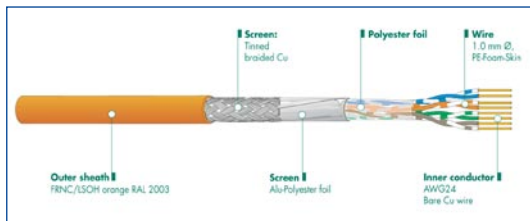
Cat.5e, Uninet 5502, LSZH

Dätwyler

Cat.5e

double shielded

halogen free



5502IOR

Features:

- ▶ Electrically and mechanically high-quality Cat 5e cable satisfying the highest demands!
- ▶ Excellent screen effect thanks to foil and braid.
- ▶ Compatible with all current connecting hardware to Cat 5: EN 50173-1, ISO/IEC 11801 Ed.2 and Cat 5e: EN 50288-2-1.

Applications:

- ▶ Data cable for structured premises cabling.
- ▶ Für For the transmission of digital and analogue signals, voice, video and data applications.
- ▶ Especially suitable for all class D applications.
- ▶ ISDN, Ethernet 10 Base-T, Fast Ethernet 100 Base-T, Gigabit Ethernet 1000 Base-T, token ring 4/16 Mbit/s, TP-PMD/TP-DDI 125 Mbit/s.

Sheath LSZH = low smoke, zero halogen
>>> halogen-free, flame retardant <<<

Item:	No. of contacts:	Colour:	PU:	≥ 500	≥ 1500	≥ 2500
5502IOR	4 x 2 x AWG24	orange	1000 m reel	0,70	0,62	0,59

A datasheet with all technical information is available on demand!

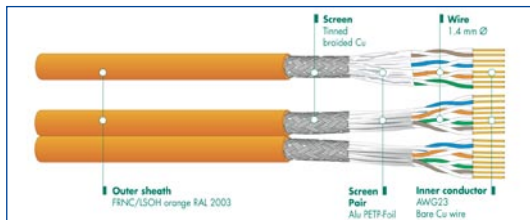
Cat.7 Class F PIMF, Uninet 7080, LSZH

Dätwyler

Cat.7

PiMF

halogen free



Features:

- ▶ Electrically and mechanically high-quality Cat. 7 data cable - satisfying the highest demands!
- ▶ Excellent screen effect due to individual foil screened pairs and overall copper braid.
- ▶ Kompatibel Excellent screen effect due to individual foil screened pairs and overall copper braid.
- ▶ Guaranteed limit values according to Cat.7: ISO/IEC 11801:2002, EN 50173-1 and EN 50288-4-1.

Applications:

- ▶ Data cable for structured premises cabling.
- ▶ Data cable for structured premises cabling.
- ▶ Especially suitable for all Class F applications.
- ▶ ISDN, Ethernet 10 Base-T, Fast Ethernet 100 Base-T, Gigabit Ethernet 1000 Base-T, 10G Base-T, Token Ring 4/16 Mbit/s, TP-PMD/TP-DDI 125 Mbit/s, ATM 155 Mbit/s.
- ▶ There is a possibility of transmitting two different communication services (e.g. EDP + telephony, Ethernet + Token Ring) simultaneously over one cable. (Cable sharing).

Sheath LSZH = low smoke, zero halogen
>>> halogen-free, flame retardant <<<

Item:	No. of contacts:	Colour:	PU:	≥ 500	≥ 1500	≥ 2500
7080IOR	4 x 2 x AWG23	orange	500 m reel	0,70	0,62	0,59
7080IOR2	2 x (4 x 2 x AWG23)	orange	500 m reel	2,21	1,95	1,87

A datasheet with all technical information is available on demand!

XLAN 200 FTP 4PR AWG 24/1 Cat.5e

Data cable for transmission of digital and analogical signals up to 200 MHz.

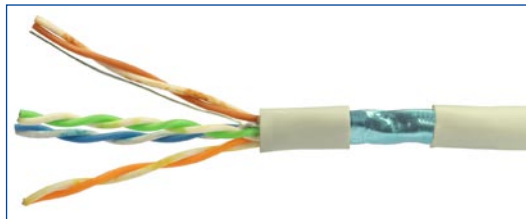
Cat.5e

VOKA
Vogtländisches
Kabelwerk GmbH

- ▶ designed for horizontal cabling subsystems as connection between a floor distributor and the telecommunication outlets (TOs)
- ▶ according to TIA/EIA-568-B.2, ISO/IEC 11801 2nd ed., EN 50173-1; EN 50288-2-1; IEC 61156-5.
- ▶ for LANs IEEE 802.3: Fast- and Gigabit-Ethernet

Construction:

- ▶ bare, solid copper conductor AWG 24/1
- ▶ SFS-PE wire insulation
- ▶ plastic foil, drain wire
- ▶ plastic laminated aluminium foil
- ▶ PVC sheath



minimum order quantity: 1 PU

Item:	No. of contacts:	Colour:	PU:	≥ 100	≥ 300	≥ 500
C24/4	8 (4x2xAWG24/1)	grey	100 m ring	0,37	0,33	0,32

Item:	No. of contacts:	Colour:	PU:	≥ 500	≥ 1500	≥ 2500
C24/45	8 (4x2xAWG24/1)	grey	500 m reel	0,33	0,32	0,31

XLAN 200 FTP-C 4PR AWG 24/1 Cat.5

Data cable for transmission of digital and analogical signals up to 200 MHz.

double
shielded

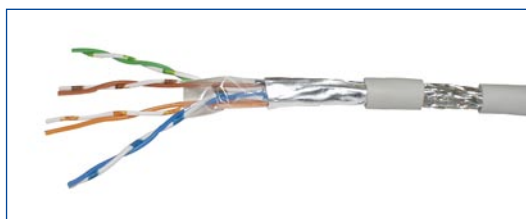
Cat.5e

VOKA
Vogtländisches
Kabelwerk GmbH

- ▶ designed for horizontal cabling subsystems as connection between a floor distributor and the telecommunication outlets (TOs)
- ▶ according to TIA/EIA-568-B.2, ISO/IEC 11801 2nd ed., EN 50173-1; EN 50288-2-1; IEC 61156-5.
- ▶ for LANs IEEE 802.3: Fast- and Gigabit-Ethernet

Construction:

- ▶ bare, solid copper conductor AWG 24/1
- ▶ SFS-PE wire insulation
- ▶ plastic foil, drain wire
- ▶ plastic laminated aluminium foil
- ▶ tinned copper braid
- ▶ PVC sheath



minimum order quantity: 1 PU

Item:	No. of contacts:	Colour:	PU:	≥ 100	≥ 300	≥ 500
C24S/4	8 (4x2xAWG24/1)	grey	100 m ring	0,55	0,49	0,47

Item:	No. of contacts:	Colour:	PU:	≥ 500	≥ 1500	≥ 2500
C24S/45	8 (4x2xAWG24/1)	grey	500 m reel	0,49	0,47	0,46

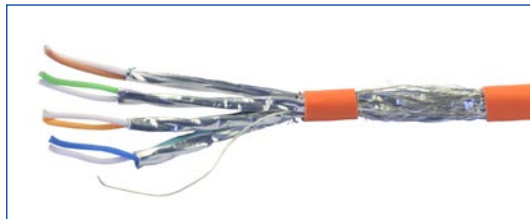
SLAN 600 STP-C 4PR AWG 23/1 Cat.7

VOKA
Vogtländisches
Kabelwerk GmbH

Cat.7

PiMF

double
shielded



Data cable for transmission of digital and analogical signals up to 600 MHz.

- ▶ designed for horizontal cabling subsystems as connection between a floor distributor and the telecommunication outlets (TOs)
- ▶ according to ISO/ IEC 11801 2nd ed., EN 50173-1; EN 50288-4-1; IEC 61156-5
- ▶ for LANs IEEE 802.3: Fast- and Gigabit-Ethernet

Construction:

- ▶ bare, solid copper conductor AWG 23/1
- ▶ SFS-PE wire insulation
- ▶ individually shielded pairs (plastic laminated aluminium foil)
- ▶ tinned copper braid
- ▶ drain wire
- ▶ PVC sheath

minimum order quantity: 1 PU

Item:	No. of contacts:	Colour:	PU:	≥ 100	≥ 300	≥ 500
S600SC	8 (4x2xAWG23/1)	orange	100 m ring	0,74	0,66	0,63

XLAN 600 STP-C 4PR AWG 23/1 Cat.7

VOKA
Vogtländisches
Kabelwerk GmbH

Cat.7

PiMF

double
shielded



Data cable for transmission of digital and analogical signals up to 500 MHz.

- ▶ designed for horizontal cabling subsystems as connection between a floor distributor and the telecommunication outlets (TOs)
- ▶ according to ISO/ IEC 11801 2nd ed., EN 50173-1; EN 50288-4-1; IEC 61156-5
- ▶ for LANs IEEE 802.3: Fast- and Gigabit-Ethernet

Construction:

- ▶ bare, solid copper conductor AWG 23/1
- ▶ SFS-PE wire insulation
- ▶ individually shielded pairs (plastic laminated aluminium foil)
- ▶ tinned copper braid
- ▶ drain wire
- ▶ halogen free sheath (FRNC) - flame retardant acc. IEC 60332-3 Cat.C

minimum order quantity: 1 PU

Item:	No. of contacts:	Colour:	PU:	≥ 100	≥ 300	≥ 500
SC600	8 (4x2xAWG23/1)	orange	100 m ring	0,89	0,79	0,76

Item:	No. of contacts:	Colour:	PU:	≥ 500	≥ 1500	≥ 2500
SC600/500	8 (4x2xAWG23/1)	orange	500 m reel	0,80	0,77	0,74

XLAN 1000 STP-C 4PR AWG 23/1 better than Cat.7

Data cable for transmission of digital and analogical signals up to 1000 MHz.

double
shielded

PiMF

Cat.7

VOKA
Vogtländisches
Kabelwerk GmbH

- ▶ designed for horizontal cabling subsystems as connection between a floor distributor and the telecommunication outlets (TOs)
- ▶ according to ISO/ IEC 11801 2nd ed., EN 50173-1; EN 50288-4-1; IEC 61156-5
- ▶ for LANs IEEE 802.3: Fast- and Gigabit-Ethernet

Construction:

- ▶ bare, solid copper conductor AWG 23/1
- ▶ SFS-PE wire insulation
- ▶ individually shielded pairs (plastic laminated aluminium foil)
- ▶ tinned copper braid
- ▶ drain wire
- ▶ PE sheath



minimum order quantity: 1 PU

Item:	No. of contacts:	Colour:	PU:	≥ 100	≥ 300	≥ 500
X1000SC	8 (4x2xAWG23/1)	orange	100 m ring	0,96	0,87	0,83

XLAN 1000 STP-C 4PR AWG 23/1 PE for outdoor applications

Data cable for transmission of digital and analogical signals up to 1000 MHz.

doppelt
geschirmt

PiMF

Cat.7

VOKA
Vogtländisches
Kabelwerk GmbH

- ▶ designed for horizontal cabling subsystems as connection between a floor distributor and the telecommunication outlets (TOs)
- ▶ according to ISO/ IEC 11801 2nd ed., EN 50173-1; EN 50288-4-1; IEC 61156-5
- ▶ for LANs IEEE 802.3: Fast- and Gigabit-Ethernet

Construction:

- ▶ bare, solid copper conductor AWG 23/1
- ▶ SFS-PE wire insulation
- ▶ individually shielded pairs (plastic laminated aluminium foil)
- ▶ tinned copper braid
- ▶ drain wire
- ▶ PE sheath



minimum order quantity: 1 PU

Item:	No. of contacts:	Colour:	PU:	≥ 100	≥ 300	≥ 500
X1000SCPE	8 (4x2xAWG23/1)	black	100 m ring	1,43	1,26	1,21

XLAN 1000 STP-C 4PR AWG 23/1 (L)PE ground water proof

VOKA
Vogtländisches
Kabelwerk GmbH

Cat.7

PiMF

double
shielded



Data cable for transmission of digital and analogical signals up to 1000 MHz.

- ▶ designed for horizontal cabling subsystems as connection between a floor distributor and the telecommunication outlets (TOs)
- ▶ according to ISO/ IEC 11801 2nd ed., EN 50173-1; EN 50288-4-1; IEC 61156-5
- ▶ for LANs IEEE 802.3: Fast- and Gigabit-Ethernet

Construction:

- ▶ bare, solid copper conductor AWG 23/1
- ▶ SFS-PE wire insulation
- ▶ individually shielded pairs (plastic laminated aluminium foil)
- ▶ tinned copper braid
- ▶ drain wire
- ▶ composite layer PE sheath

minimum order quantity: 1 PU

Item:	No. of contacts:	Colour:	PU:	≥ 100	≥ 300	≥ 500
X1000SCLPE	8 (4x2xAWG23/1)	black	100 m ring	2,00	1,77	1,70

XLAN 1200 STP-C 4PR AWG 22/1 better than Cat.7

VOKA
Vogtländisches
Kabelwerk GmbH

Cat.7

PiMF

double
shielded



Data cable for transmission of digital and analogical signals up to 1200 MHz.

- ▶ designed for horizontal cabling subsystems as connection between a floor distributor and the telecommunication outlets (TOs)
- ▶ according to ISO/ IEC 11801 2nd ed., EN 50173-1; EN 50288-4-1; IEC 61156-5; IEC 61156-7
- ▶ for LANs IEEE 802.3: Fast- and Gigabit-Ethernet

Construction:

- ▶ bare, solid copper conductor AWG 22/1
- ▶ SFS-PE wire insulation
- ▶ individually shielded pairs (plastic laminated aluminium foil)
- ▶ tinned copper braid
- ▶ drain wire
- ▶ halogen free sheath (FRNC) - fire retardant, acc. IEC 60332-3

minimum order quantity: 1 PU

Item:	No. of contacts:	Colour:	PU:	≥ 100	≥ 300	≥ 500
X1200SC	8 (4x2xAWG22/1)	yellow	100 m ring	1,40	1,23	1,13

Item:	No. of contacts:	Colour:	PU:	≥ 500	≥ 1000	≥ 2000
X1200SC5	8 (4x2xAWG22/1)	yellow	500 m reel	0,93	0,83	0,80

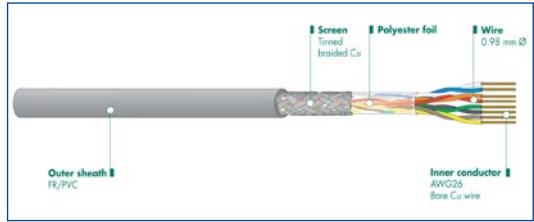
Cat.5e, Uninet 5502

Features:

- ▶ Construction optimised for fast and reliable terminations!
- ▶ Electrically and mechanically high quality 300 MHz flexible data cable - satisfying the highest demands!
- ▶ Easy identification of wires for termination thanks to different coloured wires.
- ▶ Available in a range of sheath colours - ideal for the easy visual identification of patch cords, carrying different services.
- ▶ Compatible with all current connecting hardware to EN 50173 and ISO/IEC 11801 as well as with D Sub systems.
- ▶ Guaranteed limit values according to Cat.5: ISO/IEC 11801:2002 and EN 50173-1, EN 50288-2-2

Cat.5e

Dätwyler



Applications:

- ▶ As data Patch cord in Patch panels and as an equipment connection cable.
- ▶ For the transmission of digital and analogue voice and data signals.
- ▶ Especially suitable for all class D applications.
- ▶ ISDN, Ethernet 10 BASE- T, Fast Ethernet 100 BASE- T, Gigabit Ethernet 1000 BASE T, token ring 4/16 Mbit/s, TP-PMD/TP-DDI 125 Mbit/s, ATM 155 Mbit/s.

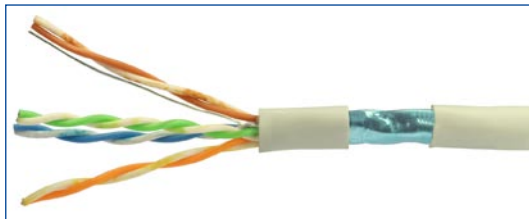
Item:	No. of contacts:	Colour:	PU:	≥ 500	≥ 1500	≥ 2500
5502GR	4 x 2 x AWG26	grey	500 m reel	0,86	0,76	0,73

A datasheet with all technical information is available on demand!



XLAN 200 FTP flex 4 PR AWG 26/7 Cat.5e**VOKA**Vogtländisches
Kabelwerk GmbH

Cat.5e



Data cable for transmission of digital and analogical signals up to 200 MHz.

- ▶ designed for work area cabling as connection between telecommunication outlets and the terminal equipment
- ▶ according to TIA/EIA-568-B, ISO/IEC 11801 2nd ed./ IEC 61156-6 , EN 50173-1; EN 50288-2-2
- ▶ for LANs IEEE 802.3: Fast and Gigabit-Ethernet

Construction:

- ▶ bare, stranded copper conductor AWG 26/7
- ▶ massive PE wire insulation
- ▶ plastic foil, drain wire
- ▶ plastic laminated aluminium foil
- ▶ PVC sheath

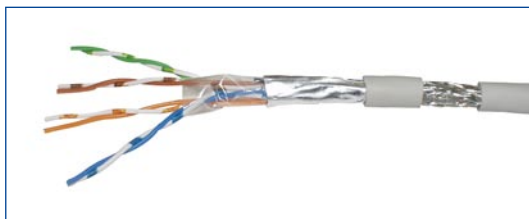
minimum order quantity: 1 PU

Item:	No. of contacts:	Sheath:	PU:	≥ 100	≥ 300	≥ 500
C26/4	8 (4x2xAWG26/7)	grey	100 m ring	0,45	0,40	0,38

Item:	No. of contacts:	Sheath:	PU:	≥ 500	≥ 1500	≥ 2500
C26/45	8 (4x2xAWG26/7)	grey	500 m reel	0,40	0,39	0,37

XLAN 200 FTP-C flex 4PR AWG 26/7 Cat.5e**VOKA**Vogtländisches
Kabelwerk GmbH

Cat.5e

double
shielded

Data cable for transmission of digital and analogical signals up to 200 MHz.

- ▶ designed for work area cabling as connection between telecommunication outlets and the terminal equipment
- ▶ according to TIA/EIA-568-B, ISO/IEC 11801 2nd ed./ IEC 61156-6 , EN 50173-1; EN 50288-2-2
- ▶ for LANs IEEE 802.3: Fast and Gigabit-Ethernet

Construction:

- ▶ bare, stranded copper conductor AWG 26/7
- ▶ massive PE wire insulation
- ▶ plastic foil, drain wire
- ▶ plastic laminated aluminium foil
- ▶ tinned copper braid
- ▶ PVC sheath

minimum order quantity: 1 PU

Item:	No. of contacts:	Colour:	PU:	≥ 100	≥ 300	≥ 500
C26S/4	8 (4x2xAWG26/7)	grey	100 m ring	0,59	0,52	0,50

XLAN 600 STP-C flex 4PR AWG 26/7 Cat.7

Data cable for transmission of digital and analogical signals up to 600 MHz

double shielded

PiMF

Cat.7



VOKA
Vogtländisches
Kabelwerk GmbH

- ▶ designed for work area cabling as connection between telecommunication outlets and the terminal equipment
- ▶ according to TIA/EIA-568-B, ISO/IEC 11801 2nd ed., EN 50173-1
- ▶ for LANs IEEE 802.3: IEC 61156-5, EN 50288-4-2. Fast- and Gigabit-Ethernet



Construction:

- ▶ Tinned stranded copper conductor AWG 26/7
- ▶ SFS-PE wire insulation
- ▶ individually shielded pairs (plastic laminated aluminium foil)
- ▶ drain wire
- ▶ tinned copper braid
- ▶ halogen free sheath (FRNC) - flame retardant acc. IEC 60332-3

minimum order quantity: 1 PU

Item:	No. of contacts:	Colour:	PU:	≥ 100	≥ 300	≥ 500
CAT7F/4	8 (4x2xAWG26/7)	grey	100 m ring	0,83	0,73	0,70
Item:	No. of contacts:	Colour:	PU:	≥ 500	≥ 1500	≥ 2500
CAT7F/45	8 (4x2xAWG26/7)	grey	500 m reel	0,74	0,71	0,69

VGA/SVGA, UL 2919

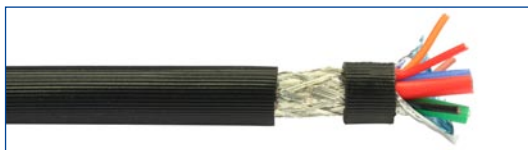
suitable for the assembly of VGA/SVGA video and data cables according to UL2919



outer shielding in addition to individual shieldings of the AWG24/7 wires

minimum order quantity: 1 PU = 100 m reel

- ▶ **Specification:**
- ▶ **Conductor layout:** 3 x AWG24/7
4 x AWG28/7
- ▶ **Colour sequence:** AWG24/7 according to UL1762 (red, green, blue)
AWG28/7 according to UL1061 (black, brown, yellow, orange)
- ▶ **Operating voltage:** 30 VDC
- ▶ **max. Temperature:** 80°C



Item:	Description:	Sheath:	Colour:	≥ 100	≥ 300	≥ 500
SVGA2919	VGA/SVGA Cable	PVC	black	1,95	1,72	1,58

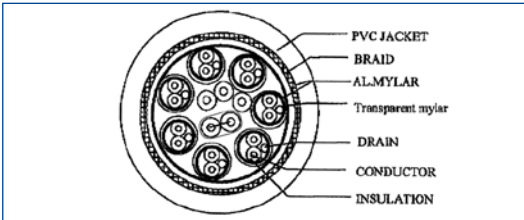
DVI, dual link, digital

DVI cable for assembly

Cable layout:

- ▶ 7 pairs AWG 28 with pair shield
- ▶ 1 pair AWG 28
- ▶ 3 single strands AWG 28

Minimum order quantity: 1 PU

**Specification:**

cores:	Diameter:	28 AWG	28 AWG	28 AWG
	Material:	Copper tin plated	Copper tin plated	Copper tin plated
	Layout:	7 / 0.127 mm	7 / 0.127 mm	7 / 0.127 mm
Insulation:	min. Ø Thickness:	0.20 mm	0.15 mm	0.15 mm
	Material:	Foam-Polyolefin	HD-PE	HD-PE
	Ø	1.00 ± 0.05 mm	0.70 ± 0.03 mm	0.70 ± 0.03 mm
	Quantity:	7 x 1P	1P	3C
Drain wire:	AWG:	28 AWG		
	Material:	Copper tin plated		
	Size:	7 / 0.127 mm		
Foil:	Enclosure:	100 %		
	Overlap:	25% MIN		
Braid shield:	Material:	Copper tin plated		
	Size:	24 x 8 / 0.12 mm		
Sheath:	min. Ø Thickness:	0.76 mm		
	Material:	PVC		
	Ø :	8.60 ± 0.15 mm		

Item:	Description:	PU:	≥ 100	≥ 300	≥ 500
DVIDL	dual link	100 m ring	1,61	1,43	1,34

HDMI, High Speed with Ethernet

HDMI cable for assembly

Full HD
1080p

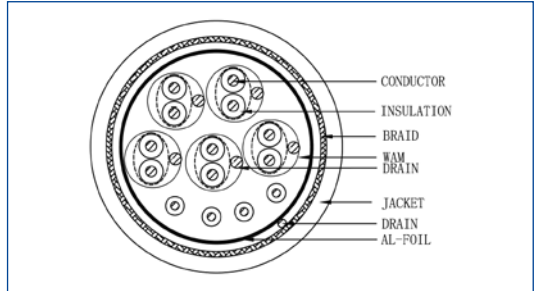


High Speed with Ethernet

Cable layout:

- ▶ 5 pairs AWG 28 with pair shield
- ▶ 4 single strands AWG 28

Minimum order quantity: 1 PU



Item:	Colour:	Version:	PU:	≥ 100	≥ 300	≥ 500
HDMI14	black	High Speed with Ethernet	100 m ring	1,06	0,94	0,88

Coaxial

PVC sheath

minimum order quantity: 1 PU = 100 m ring or 500 m reel



RG59B/U



RG62A/U



RG213U

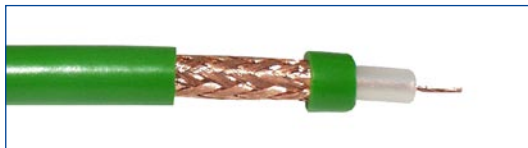


RG174A/U

Item:	Inner Conductor:	Impedance:	Capacitance:	external Ø:	PU:	≥ 100	≥ 300	≥ 500
RG58C/U	19 x 0.18	50 Ω	100 pF/m	5.0	100 m	0,43	0,39	0,38
RG59B/U	1 x 0.58	75 Ω	46 pF/m	6.2	100 m	0,47	0,43	0,41
RG62A/U	1 x 0.64	93 Ω	42 pF/m	6.2	100 m	0,60	0,55	0,53
RG174A/U	7 x 0.16	50 Ω	101 pF/m	2.8	100 m	0,44	0,40	0,39
RG213U	7 x 0.75	50 Ω	101 pF/m	10.3	100 m	1,43	1,31	1,26

Item:	Inner Conductor:	Impedance:	Capacitance:	external Ø:	PU:	≥ 500	≥ 1500	≥ 2500
RG58C/U500	19 x 0.18	50 Ω	100 pF/m	5.0	500 m	0,40	0,36	0,35

Coaxial, 75R flexible



minimum order quantity: 1 PU = 100 m ring

► **Specification:**

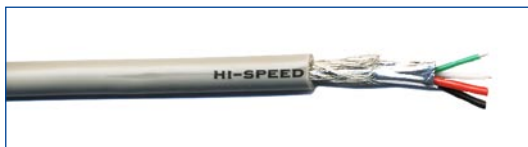
Inner conductor:	El-Cu blank 7 x 0.20 mm
Insulation:	PE Ø 3.53 mm
Braid shield:	Cu blank, coverage min. 85%
Outer sheath:	PVC Ø 5.9 mm
Impedance:	75 Ω

Item:	Colour:	Length (ring):	≥ 100	≥ 300	≥ 500
VK75F14	green	100 m	0,54	0,51	0,49

Cable sold by Metre

USB

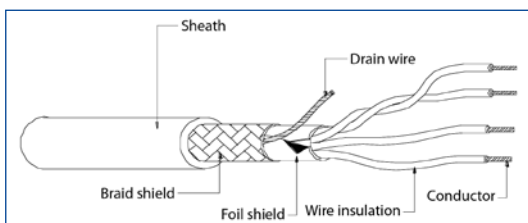
2.0 certified



USB cable for assembly, USB 2.0 certified

- e layout1 pair AWG28 (7 x 0.127 mm) white and green
- 2 wires AWG24 (7 x 0.20 mm) red and black
- drain wire (7 x 0.16 mm)

minimum order quantity: 1 PU



► **Specification:**

Conductor resistance:	≤ 237,2 Ω / km (AWG28) ≤ 89 Ω / km (AWG24)
Insulation resistance:	≥ 100 MΩ x km
Operating capacity:	≤ 66 nF / km (at 10 kHz)
Operating voltage:	30 V
Withstand voltage:	500 Vac, 1 min.
Impedance:	90 Ω (± 15%)

Material:

Conductor:	Copper, tin plated
Conductor insulation:	HDPE (AWG28) SR-PVC (AWG 24)
Drain wire:	Copper, tin plated
Foil shield:	Al / mylar
Braid shield:	Copper, tin plated
Sheath:	PVC

Outer diameter: 4,70 ± 0.15 mm

Item:	Colour:	PU:	≥ 100	≥ 300	≥ 500
U2Z100	grey	100 m - ring	0,40	0,35	0,33

Item:	Colour:	PU:	≥ 500	≥ 1500	≥ 2500
U2Z500	grey	500 m - reel	0,37	0,32	0,30

3.0 certified

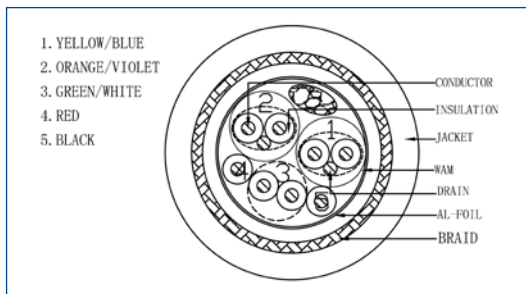
USB cable for assembly, USB 3.0 certified



- ▶ e layout2 pairs AWG28 (7 x 0.127 mm) yellow/blue and orange/violet
- ▶ 1 pair AWG28 (7 x 0.12 mm) green/white
- ▶ 2 wires AWG28 (7 x 0.12 mm) red and black

minimum order quantity: 1 PU

- ▶ **Specification:**
- Operating voltage:** 30 V
- Impedance:** 90 ± 13.5 Ω
- Outer diameter:** 5.5 ± 0.2 mm



Item:	Colour:	PU:	≥ 100	≥ 300	≥ 500
U3Z100	blue	100 m - ring	0,62	0,55	0,51
Item:	Colour:	PU:	≥ 500	≥ 1000	≥ 2000
U3Z500	blue	500 m - reel	0,53	0,47	0,43

NYFAZ

two coloured, red / black

minimum order quantity: 1 PU = 100 m reel



Item:	Conductor width:	Cu layout:	≥ 100	≥ 300	≥ 500
LS0,5RTSW	2 x 0.5 mm ²	2 x 16 x 0.20 mm	0,37	0,33	0,30
LS0,75RTSW	2 x 0.75 mm ²	2 x 24 x 0.20 mm	0,53	0,47	0,43
LS1,5RTSW	2 x 1.5 mm ²	2 x 30 x 0.25 mm	0,52	0,44	0,42

NYFAZ, flexible

flexible

transparent

minimum order quantity: 1 PU = 100 m reel



Item:	Conductor width:	Cu layout:	≥ 100	≥ 300	≥ 500
LS0,75TR	2 x 0.75 mm ²	2 x 24 x 0.20 mm	0,44	0,37	0,35
LS1,5TR	2 x 1.5 mm ²	2 x 30 x 0.25 mm	0,72	0,62	0,59
LS2,5TR	2 x 2.5 mm ²	2 x 50 x 0.25 mm	0,87	0,74	0,70
LS4,0TR	2 x 4.0 mm ²	2 x 56 x 0.30 mm	1,34	1,15	1,08

NYFAZ, most flexible

high
flexible

transparent

minimum order quantity: 1 PU = 100 m reel



Item:	Conductor width:	Cu layout:	≥ 100	≥ 300	≥ 500
LS1,5SF	2 x 1.5 mm ²	2 x 196 x 0.10 mm	0,93	0,80	0,76

Cable sold by Metre

Coaxial for BK and SAT

Typ 0.7/4.4 75dB



minimum order quantity: 1 PU = 100 m ring

- **Specification:**
- Inner conductor:** iron, copper plated Ø 0.7 mm
 - Insulation:** Foam PE Ø 4.4 mm
 - Shielding foil:** aluminium foil, single laminated
 - Braid shield:** aluminium 48 x 0.12 mm
 - Outer sheath:** PVC Ø 6.6 mm
 - Impedance:** 75 Ω
 - Screening factor:** ≥ 75 dB

Item:	Colour:	Length (ring):	≥ 100	≥ 300	≥ 500
KTV75/7	white	100 m	0,12	0,11	0,09

Typ 1.1/5.0 90dB

suitable for digital TV

minimum order quantity: 1 PU = 100 m ring

► **Specification:**

Inner conductor: iron, copper plated Ø 1.1 mm
Insulation: Foam PE Ø 5.0 mm
Shielding foil: aluminium foil, double laminated
Braid shield: aluminium 96 x 0.12 mm
Outer sheath: PVC Ø 6.8 mm
Impedance: 75 Ω
Screening factor: ≥ 90 dB



Item:	Colour:	Length (ring):	≥ 100	≥ 300	≥ 500
STV1,1/5,0B	white	100 m	0,17	0,16	0,15

Typ 1.1/5.0 95dB

suitable for digital TV

minimum order quantity: 1 PU = 100 m ring

► **Specification:**

Inner conductor: Copper Ø 1.1 mm
Insulation: Foam PE Ø 5.0 mm
Shielding foil: aluminium foil, double laminated
Braid shield: aluminium 128 x 0.12 mm
Outer sheath: PVC Ø 6.9 mm
Impedance: 75 Ω
Screening factor: ≥ 95 dB



Item:	Colour:	Length (ring):	≥ 100	≥ 300	≥ 500
STV1,1/5,0DG	white	100 m	0,39	0,36	0,33

Cable sold by Metre Power Lines - kabeltronik

H03VV-F

- for applications in dry rooms
- for the connection of mobile power-consumers
- for slight mechanical load

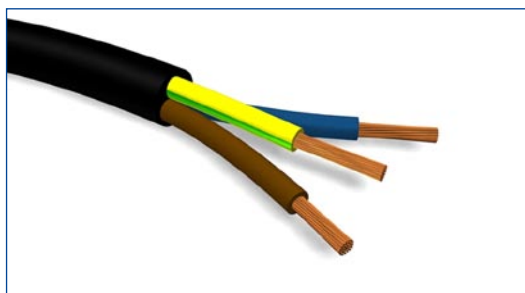


kabeltronik

► **Specification:**

Conductor: bare stranded copper wire
Conductor insulation: PVC according to VDE 0207
Colour sequence: according to VDE 0293 (HD 308)
Twisting: cores in layers
Sheath: PVC according to VDE 0207

Operating voltage U₀/U: 300 / 300 V
Withstand voltage: 2000 V
Temperature range: -25°C up to +70°C (static)
 -5°C up to +70°C (dynamic)



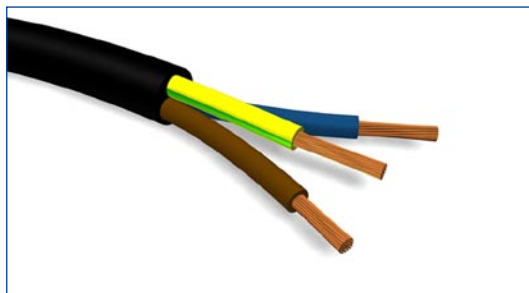
Item:	Conductor width:	Outer diameter:	Colour:	PU:	≥ 100	≥ 300	≥ 500
H03VVVF3G075	3 G 0.75 mm ²	approx. 5.9 mm	black	100 m ring	0,70	0,61	0,53

H05VV-F

kabeltronik



- ▶ for applications in dry rooms
- ▶ for the connection of mobile power-consumers
- ▶ for medium mechanical load



▶ **Specification:**

Conductor: bare stranded copper wire
Conductor insulation: PVC according to VDE 0207
Colour sequence: according to VDE 0293 (HD 308)
Twisting: cores in layers
Sheath: PVC according to VDE 0207

Operating voltage U₀/U: 300 / 500 V
Withstand voltage: 2000 V
Temperature range: -25°C up to +70°C (static)
 -5°C up to +70°C (dynamic)

Item:	Conductor width:	Outer diameter:	Colour:	PU:	≥ 100	≥ 300	≥ 500
H05VVF3G075	3 G 0.75 mm ²	approx. 6.6 mm	black	100 m ring	0,89	0,79	0,68
H05VVF3G100	3 G 1.00 mm ²	approx. 7.0 mm	black	100 m ring	0,96	0,84	0,73
H05VVF3G150	3 G 1.50 mm ²	approx. 8.3 mm	black	100 m ring	1,18	1,04	0,90

Solar-PV-Line

VOKA Solar-PV-Line is suitable for stationary as well as free or freely suspended wiring of in- and outside photovoltaic electricity generating systems, even under direct insolation.



VOKA
Vogtländisches
Kabelwerk GmbH

NEW

- ▶ tinned copper strands in according to DIN VDE 0295 Class 5 / IEC 60228 cl 5
- ▶ halogen-free cross linked cores and sheath
- ▶ flame retardant in acc. to VDE 0482 part 332-1-2, DIN EN 600332-1-2, IEC 60322-1-2
- ▶ cross-linked materials
- ▶ no deformation of insulation in case of short-circuit and no shrinkage of the insulation when brazed
- ▶ excellent pulling and abrasion performance
- ▶ excellent resistance to environmental conditions, hydrolysis, ozone and UV
- ▶ high resistance to oil and chemicals
- ▶ requirements for cables for PV-Systems DKE/VDE AK 411.2.3
- ▶ Humidity-Heat-Checking in acc. EN 60068-2-78
- ▶ resistance to cold in acc. EN 60811-1-4 / EN 50305



▶ Specification:

Voltage rating Uo/U:	600 / 1000 Vac 900 / 1500 Vdc
Test voltage:	6500 V
Temperature range:	-50°C up to +150°C (static) -30°C up to +100°C (dynamic)

Item:	Conductor width:	Outer diameter:	Colour:	PU:	≥ 100	≥ 300	≥ 500
SOL1X2,5	1 x 2.5 mm ²	4.8 mm	black	100 m ring	0,63	0,61	0,58
SOL1X4	1 x 4.0 mm ²	5.2 mm	black	100 m ring	0,91	0,88	0,85
SOL1X6	1 x 6.0 mm ²	5.7 mm	black	100 m ring	1,20	1,16	1,12
SOL1X10	1 x 10.0 mm ²	6.9 mm	black	100 m ring	1,90	1,84	1,78

Solid Copper Jumper Wire blank tinned

10 m



Item:	Ø :	Length (ring):	≥ 1	≥ 10	≥ 50
KDV6	0.6 mm	10 m	0,98	0,89	0,85
KDV8	0.8 mm	10 m	1,56	1,42	1,36

25 m

NEW kabeltronik®

- ▶ tin class V2 acc. to DIN 40500
- ▶ 25 m rings in PE-foil



Item:	Ø	Length (ring):	≥ 1	≥ 5	≥ 10
KD05V25	0.5 mm	25 m	1,65	1,45	1,26
KD08V25	0.8 mm	25 m	3,12	2,75	2,39
KD10V25	1.0 mm	25 m	4,57	4,04	3,50
KD15V25	1.5 mm	25 m	8,63	7,62	6,60

1 kg

NEW kabeltronik®

- ▶ tin class V2 acc. to DIN 40500
- ▶ 1 kg of bundles in PE-foil



Item:	Ø	Length (bundles):	≥ 1	≥ 5	≥ 10
KD05V1	0.5 mm	approx. 565 m	22,16	19,56	16,95
KD08V1	0.8 mm	approx. 220 m	22,16	19,56	16,95
KD10V1	1.0 mm	approx. 140 m	21,65	19,11	16,56
KD15V1	1.5 mm	approx. 65 m	21,65	19,11	16,56

10 m

plastic insulated, Ø 0.5 mm, outer diameter 1.0 mm, 1 wire



Item:	Colour:	Length (ring):	≥ 1	≥ 10	≥ 50
D1SW10	black	10 m	0,86	0,79	0,75
D1RT10	red	10 m	0,86	0,79	0,75
D1BL10	blue	10 m	0,86	0,79	0,75
D1GE10	yellow	10 m	0,86	0,79	0,75
D1GN10	green	10 m	0,86	0,79	0,75
D1OR10	orange	10 m	0,86	0,79	0,75
D1GR10	grey	10 m	0,86	0,79	0,75
D1WS10	white	10 m	0,86	0,79	0,75
D1BR10	brown	10 m	0,86	0,79	0,75



100 m

NEW kabeltronik

for communication technology, telecommunication installations as well as in all fields of general wiring technology.

► **Specification:**

Conductor: CU-wire, tin plated
Insulation: PVC according to VDE 0207

Operating voltage: 500 V (≤ 0.6 mm)
900 V (≥ 0.8 mm)

Test voltage: 1200 V (≤ 0.6 mm)
2500 V (≥ 0.8 mm)

Temperature range: -30°C up to +70°C (static)
-5°C up to +70°C (dynamic)

Item:	Ø	Colour:	Outer diameter:	PU:	≥ 100	≥ 500	≥ 1000
YV05SW	0.5 mm	black	0.9 mm	100 m ring	0,066	0,058	0,050
YV05RT	0.5 mm	red	0.9 mm	100 m ring	0,066	0,058	0,050
YV05BL	0.5 mm	blue	0.9 mm	100 m ring	0,066	0,058	0,050
YV05GE	0.5 mm	yellow	0.9 mm	100 m ring	0,066	0,058	0,050
YV05WS	0.5 mm	white	0.9 mm	100 m ring	0,066	0,058	0,050
YV06SW	0.6 mm	black	1.1 mm	100 m ring	0,084	0,074	0,064
YV06RT	0.6 mm	red	1.1 mm	100 m ring	0,084	0,074	0,064
YV06BL	0.6 mm	blue	1.1 mm	100 m ring	0,084	0,074	0,064
YV06GE	0.6 mm	yellow	1.1 mm	100 m ring	0,084	0,074	0,064
YV06WS	0.6 mm	white	1.1 mm	100 m ring	0,084	0,074	0,064
YV08SW	0.8 mm	black	1.4 mm	100 m ring	0,116	0,102	0,089
YV08RT	0.8 mm	red	1.4 mm	100 m ring	0,116	0,102	0,089
YV08BL	0.8 mm	blue	1.4 mm	100 m ring	0,116	0,102	0,089
YV08GE	0.8 mm	yellow	1.4 mm	100 m ring	0,116	0,102	0,089
YV08WS	0.8 mm	white	1.4 mm	100 m ring	0,116	0,102	0,089
YV1SW	1.0 mm	black	1.8 mm	100 m ring	0,163	0,144	0,125
YV1RT	1.0 mm	red	1.8 mm	100 m ring	0,163	0,144	0,125
YV1BL	1.0 mm	blue	1.8 mm	100 m ring	0,163	0,144	0,125
YV1GE	1.0 mm	yellow	1.8 mm	100 m ring	0,163	0,144	0,125
YV1WS	1.0 mm	white	1.8 mm	100 m ring	0,163	0,144	0,125

10 m

plastic insulated, 0.14 mm² (18 x 0.10 mm), outer diameter 1.0 mm, 1 wire, bare copper



Item:	Colour:	Length (ring):	≥ 1	≥ 10	≥ 50
L1SW10	black	10 m	0,70	0,64	0,61
L1RT10	red	10 m	0,70	0,64	0,61
L1BL10	blue	10 m	0,70	0,64	0,61
L1GE10	yellow	10 m	0,70	0,64	0,61
L1GN10	green	10 m	0,70	0,64	0,61
L1OR10	orange	10 m	0,70	0,64	0,61
L1GR10	grey	10 m	0,70	0,64	0,61
L1WS10	white	10 m	0,70	0,64	0,61
L1BR10	brown	10 m	0,70	0,64	0,61

100 m

plastic insulated, 0.14 mm² (18 x 0.10 mm), outer diameter 1.0 mm, 1 wire, bare copper



Item:	Colour:	Length (reel):	≥ 1	≥ 5	≥ 10
L1SW100	black	100 m	6,75	6,16	5,90
L1RT100	red	100 m	6,75	6,16	5,90
L1BL100	blue	100 m	6,75	6,16	5,90
L1GE100	yellow	100 m	6,75	6,16	5,90
L1GN100	green	100 m	6,75	6,16	5,90
L1GR100	grey	100 m	6,75	6,16	5,90
L1WS100	white	100 m	6,75	6,16	5,90
L1BR100	brown	100 m	6,75	6,16	5,90

2-wire, 5 m

plastic insulated, 2 x 0.14 mm² (2 x 18 x 0.10 mm)



Item:	Colour:	Length (ring):	≥ 1	≥ 10	≥ 50
L2SW5	black	5 m	0,83	0,76	0,73
L2RT5	red	5 m	0,83	0,76	0,73
L2BL5	blue	5 m	0,83	0,76	0,73
L2GE5	yellow	5 m	0,83	0,76	0,73
L2GR5	grey	5 m	0,83	0,76	0,73
L2WS5	white	5 m	0,83	0,76	0,73
L2BR5	brown	5 m	0,83	0,76	0,73

2-wire, 100 m



plastic insulated, 2 x 0.14 mm² (2 x 18 x 0.10 mm)

Item:	Colour:	Length (ring):	≥ 1	≥ 5	≥ 10
L2SW100	black	100 m	15,76	14,36	13,77
L2RT100	red	100 m	15,76	14,36	13,77

2-wire, 2-coloured



plastic insulated, 2 x 0.14 mm² (2 x 18 x 0.10 mm)

Item:	Colour:	Length (ring):	≥ 1	≥ 10	≥ 50
L2RTSW5	red / black	5 m	1,00	0,91	0,87
L2RTSW50	red / black	50 m	8,86	8,07	7,73

3-wire



L3M5



L3T5



L3F5



L3R5

plastic insulated, 3 x 0.14 mm² (3 x 18 x 0.10 mm)

Item:	Colour:	for:	Length (ring):	≥ 1	≥ 10	≥ 50
L3M5	blue - yellow - blue	Märklin	5 m	1,47	1,34	1,28
L3T5	yellow - white - green	Trix	5 m	1,47	1,34	1,28
L3F5	light brown - black - dark brown	Fleischmann	5 m	1,47	1,34	1,28
L3R5	red - green - black	Roco	5 m	1,47	1,34	1,28
L3R50	red - green - black	Roco	50 m	13,36	12,18	11,67

4-wire



plastic insulated, 4 x 0.14 mm² (4 x 18 x 0.10 mm)

Item:	Colour:	Length (ring):	≥ 1	≥ 10	≥ 50
L4/5	blue - yellow - red - green	5 m	1,89	1,72	1,65

Information

LIYV

▶ **General information:**

Conductor: EI-Cu stranded wire tin plated according to DIN 40500
Insulation: PVC (Y12) according to VDE 0207
Temperature range: -5°C up to +70°C
Operating voltage: according to VDE 0812
Withstand voltage: according to VDE 0812

0.14 qmm

▶ **Specification:**

Cross section: 0.14 mm²
Strands layout: 18 x 0.10 mm
Conductor Ø: 1.1 mm
Cu weight: 1.4 kg/km
Conductor resistance: 132 Ω/km



Item:	Colour:	Length (reel):	≥ 1	≥ 5	≥ 10
LIYV014SW	black	100 m	5,86	5,40	5,03
LIYV014RT	red	100 m	5,86	5,40	5,03
LIYV014BL	blue	100 m	5,86	5,40	5,03
LIYV014GE	yellow	100 m	5,86	5,40	5,03
LIYV014GN	green	100 m	5,86	5,40	5,03
LIYV014BR	brown	100 m	5,86	5,40	5,03

0.25 qmm

▶ **Specification:**

Cross section: 0.25 mm²
Strands layout: 14 x 0.15 mm
Conductor Ø: 1.3 mm
Cu weight: 2.4 kg/km
Conductor resistance: 75.5 Ω/km



Item:	Colour:	Length (reel):	≥ 1	≥ 5	≥ 10
LIYV025SW	black	100 m	7,53	6,94	6,48
LIYV025RT	red	100 m	7,53	6,94	6,48
LIYV025BL	blue	100 m	7,53	6,94	6,48
LIYV025GE	yellow	100 m	7,53	6,94	6,48
LIYV025GN	green	100 m	7,53	6,94	6,48
LIYV025WS	white	100 m	7,53	6,94	6,48
LIYV025BR	brown	100 m	7,53	6,94	6,48



0.5 qmm



- **Specification:**
Cross section: 0.50 mm²
Strands layout: 16 x 0.20 mm
Conductor Ø: 1.8 mm
Cu weight: 4.8 kg/km
Conductor resistance: 37.1 Ω/km

Item:	Colour:	Length (reel):	≥ 1	≥ 5	≥ 10
LIYV05SW	black	100 m	11,26	10,37	9,68
LIYV05RT	red	100 m	11,26	10,37	9,68
LIYV05BL	blue	100 m	11,26	10,37	9,68
LIYV05GE	yellow	100 m	11,26	10,37	9,68
LIYV05BR	brown	100 m	11,26	10,37	9,68

0.75 qmm



- **Specification:**
Cross section: 0.75 mm²
Strands layout: 24 x 0.20 mm
Conductor Ø: 2.0 mm
Cu weight : 7.2 kg/km
Conductor resistance: 24.8 Ω/km

Item:	Colour:	Length (reel):	≥ 1	≥ 5	≥ 10
LIYV075SW	black	100 m	14,91	13,74	12,82
LIYV075RT	red	100 m	14,91	13,74	12,82
LIYV075BL	blue	100 m	14,91	13,74	12,82
LIYV075GE	yellow	100 m	14,91	13,74	12,82
LIYV075GN	green	100 m	14,91	13,74	12,82
LIYV075WS	white	100 m	14,91	13,74	12,82

Stranded Copper Jumper Wire

PTFE

Information
PTFE

according to MIL-W-16878/4 - VDE 0881

- Teflon insulated
- 1 wire
- copper, silver plated

► **General information:**

Insulation: PTFE 5Y
Operating voltage: 600 V
Withstand voltage: 3400 V
Operating temperature: +205°C

AWG 28 (7 x 0.127)

minimum order quantity: 1 PU = 250 m reel

► **Specification:**

Conductor layout: 7 x 0.127 mm
Cross section: 0.089 mm²
Outer diameter: 0.89 ± 0.10 mm



Item:	Colour:	≥ 250	≥ 750	≥ 1500
PTFE28/7SW	black	0,42	0,41	0,39
PTFE28/7RT	red	0,42	0,41	0,39

AWG 26 (19 x 0.102)

minimum order quantity: 1 PU = 250 m reel

► **Specification:**

Conductor layout: 19 x 0.102 mm
Cross section: 0.155 mm²
Outer diameter: 0.99 ± 0.10 mm



Item:	Colour:	≥ 250	≥ 750	≥ 1500
PTFE26/19SW	black	0,38	0,36	0,35
PTFE26/19RT	red	0,38	0,36	0,35
PTFE26/19BL	blue	0,38	0,36	0,35

AWG 24 (19 x 0.127)

minimum order quantity: 1 PU = 300 m reel

► **Specification:**

Conductor layout: 19 x 0.127 mm
Cross section: 0.241 mm²
Outer diameter: 1.12 ± 0.10 mm



Item:	Colour:	≥ 300	≥ 900	≥ 1800
PTFE24/19SW	black	0,41	0,40	0,38
PTFE24/19BL	blue	0,41	0,40	0,38

AWG 20 (19 x 0.203)

minimum order quantity: 1 PU = 250 m reel

► **Specification:**

Conductor layout: 19 x 0.203 mm
Cross section: 0.616 mm²
Outer diameter: 1.48 ± 0.11 mm



Item:	Colour:	≥ 250	≥ 750	≥ 1500
PTFE20/19SW	black	0,53	0,51	0,49

PVC, most flexible, LiFY

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high
flexible

suitable for general wiring technology for electronics systems, when a high level of flexibility is demanded.

► Specification:

Conductor: Cu conductor stranded, blank
Insulation: PVC according to VDE 0207

Operating voltage: 900 V
Withstand voltage: 2500 V
Temperature range: -30°C up to +70°C (static)
-5°C up to +70°C (dynamic)

Item:	Cross section:	Strands layout:	Outer diameter:	Colour:	PU:	≥ 100	≥ 500	≥ 1000
LIFY025SW	0.25 mm ²	128 x 0.05 mm	1.4 mm	black	100 m reel	0,131	0,115	0,100
LIFY025RT	0.25 mm ²	128 x 0.05 mm	1.4 mm	red	100 m reel	0,131	0,115	0,100
LIFY025BL	0.25 mm ²	128 x 0.05 mm	1.4 mm	blue	100 m reel	0,131	0,115	0,100
LIFY025GE	0.25 mm ²	128 x 0.05 mm	1.4 mm	yellow	100 m reel	0,131	0,115	0,100
LIFY025GN	0.25 mm ²	128 x 0.05 mm	1.4 mm	green	100 m reel	0,131	0,115	0,100
LIFY025WS	0.25 mm ²	128 x 0.05 mm	1.4 mm	white	100 m reel	0,131	0,115	0,100
LIFY05SW	0.50 mm ²	256 x 0.05 mm	2.0 mm	black	100 m reel	0,229	0,202	0,175
LIFY05RT	0.50 mm ²	256 x 0.05 mm	2.0 mm	red	100 m reel	0,229	0,202	0,175
LIFY05BL	0.50 mm ²	256 x 0.05 mm	2.0 mm	blue	100 m reel	0,229	0,202	0,175
LIFY05WS	0.50 mm ²	256 x 0.05 mm	2.0 mm	white	100 m reel	0,229	0,202	0,175
LIFY075SW	0.75 mm ²	384 x 0.05 mm	2.2 mm	black	100 m reel	0,319	0,281	0,244
LIFY075RT	0.75 mm ²	384 x 0.05 mm	2.2 mm	red	100 m reel	0,319	0,281	0,244
LIFY075BL	0.75 mm ²	384 x 0.05 mm	2.2 mm	blue	100 m reel	0,319	0,281	0,244
LIFY1SW	1.00 mm ²	512 x 0.05 mm	2.5 mm	black	100 m reel	0,391	0,345	0,299
LIFY1RT	1.00 mm ²	512 x 0.05 mm	2.5 mm	red	100 m reel	0,391	0,345	0,299
LIFY1BL	1.00 mm ²	512 x 0.05 mm	2.5 mm	blue	100 m reel	0,391	0,345	0,299
LIFY1GE	1.00 mm ²	512 x 0.05 mm	2.5 mm	yellow	100 m reel	0,391	0,345	0,299
LIFY15SW	1.50 mm ²	392 x 0.07 mm	3.4 mm	black	100 m ring	0,466	0,411	0,356
LIFY15RT	1.50 mm ²	392 x 0.07 mm	3.4 mm	red	100 m ring	0,466	0,411	0,356
LIFY15BL	1.50 mm ²	392 x 0.07 mm	3.4 mm	blue	100 m ring	0,466	0,411	0,356

AWG, cULus certified, Style 1007

suitable mainly for export-oriented production plants.
The special PVC insulation material is largely resistant to acids, bases and many oils.



► **Specification:**

Conductor: Cu conductor stranded, tin plated
Insulation: special PVC

Operating voltage: 300 V
Withstand voltage: 3000 V
Temperature range: -30°C up to +105°C (static)
-5°C up to +105°C (dynamic)
up to +90°C (cUL)



Item:	Cross section:	Strands layout:	Outer diameter:	Colour:	PU:	≥ 500	≥ 1000	≥ 2000
UL1007SW26	AWG 26-7	7 x 0.16 mm	1.35 mm	black	500 m reel	0,099	0,088	0,076
UL1007RT26	AWG 26-7	7 x 0.16 mm	1.35 mm	red	500 m reel	0,099	0,088	0,076
UL1007BL26	AWG 26-7	7 x 0.16 mm	1.35 mm	blue	500 m reel	0,099	0,088	0,076
UL1007OR26	AWG 26-7	7 x 0.16 mm	1.35 mm	orange	500 m reel	0,099	0,088	0,076
UL1007BR26	AWG 26-7	7 x 0.16 mm	1.35 mm	brown	500 m reel	0,099	0,088	0,076
UL1007SW24	AWG 24-7	7 x 0.20 mm	1.5 mm	black	500 m reel	0,108	0,095	0,082
UL1007RT24	AWG 24-7	7 x 0.20 mm	1.5 mm	red	500 m reel	0,108	0,095	0,082
UL1007BL24	AWG 24-7	7 x 0.20 mm	1.5 mm	blue	500 m reel	0,108	0,095	0,082
UL1007OR24	AWG 24-7	7 x 0.20 mm	1.5 mm	orange	500 m reel	0,108	0,095	0,082
UL1007BR24	AWG 24-7	7 x 0.20 mm	1.5 mm	brown	500 m reel	0,108	0,095	0,082
UL1007SW22	AWG 22-7	7 x 0.25 mm	1.6 mm	black	500 m reel	0,141	0,124	0,108
UL1007RT22	AWG 22-7	7 x 0.25 mm	1.6 mm	red	500 m reel	0,141	0,124	0,108
UL1007BL22	AWG 22-7	7 x 0.25 mm	1.6 mm	blue	500 m reel	0,141	0,124	0,108
UL1007OR22	AWG 22-7	7 x 0.25 mm	1.6 mm	orange	500 m reel	0,141	0,124	0,108
UL1007BR22	AWG 22-7	7 x 0.25 mm	1.6 mm	brown	500 m reel	0,141	0,124	0,108

Item:	Cross section:	Strands layout:	Outer diameter:	Colour:	PU:	≥ 250	≥ 500	≥ 1000
UL1007SW20	AWG 20-18	18 x 0.20 mm	1.9 mm	black	250 m reel	0,181	0,160	0,139
UL1007RT20	AWG 20-18	18 x 0.20 mm	1.9 mm	red	250 m reel	0,181	0,160	0,139
UL1007BL20	AWG 20-18	18 x 0.20 mm	1.9 mm	blue	250 m reel	0,181	0,160	0,139
UL1007OR20	AWG 20-18	18 x 0.20 mm	1.9 mm	orange	250 m reel	0,181	0,160	0,139
UL1007BR20	AWG 20-18	18 x 0.20 mm	1.9 mm	brown	250 m reel	0,181	0,160	0,139

AWG, cULus certified, Style 11027

NEW

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suitable mainly for export-oriented production companies. Steady to a large extent against acids, caustic solutions and many oils. cULus stranded wires are halogen free / flame retardant and very small at the outer diameter. The mPPE-material is without softeners and therefore an environment friendly replacement for PVC stranded wires.

► **Specification:**

Conductor: Cu conductor stranded, tin plated
Insulation: mPPE

Operating voltage: 300 V
Test voltage: 3000 V

Temperature range: -40°C up to +105°C (static)
-10°C up to +105°C (dynamic)

Item:	Cross section:	Strands layout:	Outer diameter:	Colour:	PU:	≥ 250	≥ 500	≥ 1000
UL27SW28	AWG 28-7	7 x 0.127 mm	0.85 mm	black	250 m reel	0,202	0,178	0,154
UL27RT28	AWG 28-7	7 x 0.127 mm	0.85 mm	red	250 m reel	0,202	0,178	0,154
UL27BL28	AWG 28-7	7 x 0.127 mm	0.85 mm	blue	250 m reel	0,202	0,178	0,154
UL27GE28	AWG 28-7	7 x 0.127 mm	0.85 mm	yellow	250 m reel	0,202	0,178	0,154
UL27GN28	AWG 28-7	7 x 0.127 mm	0.85 mm	green	250 m reel	0,202	0,178	0,154
UL27OR28	AWG 28-7	7 x 0.127 mm	0.85 mm	orange	250 m reel	0,202	0,178	0,154
UL27BR28	AWG 28-7	7 x 0.127 mm	0.85 mm	brown	250 m reel	0,202	0,178	0,154
UL27GR28	AWG 28-7	7 x 0.127 mm	0.85 mm	grey	250 m reel	0,202	0,178	0,154
UL27WS28	AWG 28-7	7 x 0.127 mm	0.85 mm	white	250 m reel	0,202	0,178	0,154
UL27SW26	AWG 26-7	7 x 0,160 mm	0.95 mm	black	250 m reel	0,211	0,187	0,162
UL27RT26	AWG 26-7	7 x 0,160 mm	0.95 mm	red	250 m reel	0,211	0,187	0,162
UL27BL26	AWG 26-7	7 x 0,160 mm	0.95 mm	blue	250 m reel	0,211	0,187	0,162
UL27GE26	AWG 26-7	7 x 0,160 mm	0.95 mm	yellow	250 m reel	0,211	0,187	0,162
UL27GN26	AWG 26-7	7 x 0,160 mm	0.95 mm	green	250 m reel	0,211	0,187	0,162
UL27OR26	AWG 26-7	7 x 0,160 mm	0.95 mm	orange	250 m reel	0,211	0,187	0,162
UL27BR26	AWG 26-7	7 x 0,160 mm	0.95 mm	brown	250 m reel	0,211	0,187	0,162
UL27GR26	AWG 26-7	7 x 0,160 mm	0.95 mm	grey	250 m reel	0,211	0,187	0,162
UL27WS26	AWG 26-7	7 x 0,160 mm	0.95 mm	white	250 m reel	0,211	0,187	0,162
UL27SW24	AWG 24-7	7 x 0.200 mm	1.05 mm	black	250 m reel	0,230	0,203	0,176
UL27RT24	AWG 24-7	7 x 0.200 mm	1.05 mm	red	250 m reel	0,230	0,203	0,176
UL27BL24	AWG 24-7	7 x 0.200 mm	1.05 mm	blue	250 m reel	0,230	0,203	0,176
UL27GE24	AWG 24-7	7 x 0.200 mm	1.05 mm	yellow	250 m reel	0,230	0,203	0,176
UL27GN24	AWG 24-7	7 x 0.200 mm	1.05 mm	green	250 m reel	0,230	0,203	0,176
UL27OR24	AWG 24-7	7 x 0.200 mm	1.05 mm	orange	250 m reel	0,230	0,203	0,176
UL27BR24	AWG 24-7	7 x 0.200 mm	1.05 mm	brown	250 m reel	0,230	0,203	0,176
UL27GR24	AWG 24-7	7 x 0.200 mm	1.05 mm	grey	250 m reel	0,230	0,203	0,176
UL27WS24	AWG 24-7	7 x 0.200 mm	1.05 mm	white	250 m reel	0,230	0,203	0,176
UL27SW22	AWG 22-7	7 x 0,250 mm	1.20 mm	black	250 m reel	0,258	0,228	0,198
UL27RT22	AWG 22-7	7 x 0,250 mm	1.20 mm	red	250 m reel	0,258	0,228	0,198
UL27BL22	AWG 22-7	7 x 0,250 mm	1.20 mm	blue	250 m reel	0,258	0,228	0,198
UL27GE22	AWG 22-7	7 x 0,250 mm	1.20 mm	yellow	250 m reel	0,258	0,228	0,198
UL27GN22	AWG 22-7	7 x 0,250 mm	1.20 mm	green	250 m reel	0,258	0,228	0,198
UL27OR22	AWG 22-7	7 x 0,250 mm	1.20 mm	orange	250 m reel	0,258	0,228	0,198
UL27BR22	AWG 22-7	7 x 0,250 mm	1.20 mm	brown	250 m reel	0,258	0,228	0,198
UL27GR22	AWG 22-7	7 x 0,250 mm	1.20 mm	grey	250 m reel	0,258	0,228	0,198
UL27WS22	AWG 22-7	7 x 0,250 mm	1.20 mm	white	250 m reel	0,258	0,228	0,198

AWG, cULus certified, Style 11029

suitable mainly for export-oriented production companies. Steady to a large extent against acids, caustic solutions and many oils. cULus stranded wires are halogen free / flame retardant and very small at the outer diameter. The mPPE-material is without softeners and therefore an environment friendly replacement for PVC stranded wires.



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► **Specification:**

Conductor: Cu conductor stranded, tin plated
Insulation: mPPE

Operating voltage: 1000 V

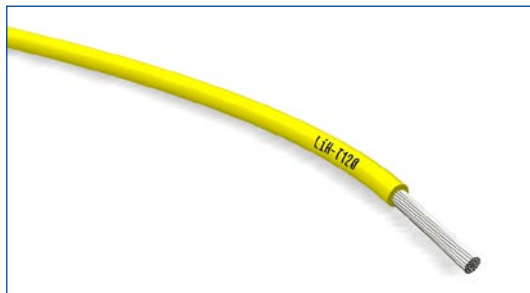
Test voltage: 10000 V

Temperature range: -40°C up to +105°C (static)
-10°C up to +105°C (dynamic)

Item:	Cross section:	Strands layout:	Outer diameter:	Colour:	PU:	≥ 250	≥ 500	≥ 1000
UL29SW24	AWG 24-7	7 x 0.200 mm	1.30 mm	black	250 m reel	0,261	0,230	0,199
UL29RT24	AWG 24-7	7 x 0.200 mm	1.30 mm	red	250 m reel	0,261	0,230	0,199
UL29BL24	AWG 24-7	7 x 0.200 mm	1.30 mm	blue	250 m reel	0,261	0,230	0,199
UL29BR24	AWG 24-7	7 x 0.200 mm	1.30 mm	brown	250 m reel	0,261	0,230	0,199
UL29WS24	AWG 24-7	7 x 0.200 mm	1.30 mm	white	250 m reel	0,261	0,230	0,199
UL29SW20	AWG 20-7	7 x 0.320 mm	1.65 mm	black	250 m reel	0,367	0,324	0,281
UL29RT20	AWG 20-7	7 x 0.320 mm	1.65 mm	red	250 m reel	0,367	0,324	0,281
UL29BL20	AWG 20-7	7 x 0.320 mm	1.65 mm	blue	250 m reel	0,367	0,324	0,281
UL29BR20	AWG 20-7	7 x 0.320 mm	1.65 mm	brown	250 m reel	0,367	0,324	0,281
UL29WS20	AWG 20-7	7 x 0.320 mm	1.65 mm	white	250 m reel	0,367	0,324	0,281
UL29SW18	AWG 18-19	19 x 0.254 mm	2.00 mm	black	250 m reel	0,452	0,399	0,346
UL29RT18	AWG 18-19	19 x 0.254 mm	2.00 mm	red	250 m reel	0,452	0,399	0,346
UL29BL18	AWG 18-19	19 x 0.254 mm	2.00 mm	blue	250 m reel	0,452	0,399	0,346
UL29BR18	AWG 18-19	19 x 0.254 mm	2.00 mm	brown	250 m reel	0,452	0,399	0,346
UL29WS18	AWG 18-19	19 x 0.254 mm	2.00 mm	white	250 m reel	0,452	0,399	0,346
UL29GNGE18	AWG 18-19	19 x 0.254 mm	2.00 mm	green-yellow	250 m reel	0,452	0,399	0,346
UL29SW16	AWG 16-19	19 x 0.300 mm	2.20 mm	black	250 m reel	0,548	0,483	0,419
UL29RT16	AWG 16-19	19 x 0.300 mm	2.20 mm	red	250 m reel	0,548	0,483	0,419
UL29BL16	AWG 16-19	19 x 0.300 mm	2.20 mm	blue	250 m reel	0,548	0,483	0,419
UL29BR16	AWG 16-19	19 x 0.300 mm	2.20 mm	brown	250 m reel	0,548	0,483	0,419
UL29WS16	AWG 16-19	19 x 0.300 mm	2.20 mm	white	250 m reel	0,548	0,483	0,419
UL29GNGE16	AWG 16-19	19 x 0.300 mm	2.20 mm	green-yellow	250 m reel	0,548	0,483	0,419

heat resistant, LIH-T120

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suitable for general wiring technology where requirements are to zero halogen lines and raised temperature in formidable environments. The insulation material shows extraordinary toughness and flexibility, high creep resistance also like impact resistance and fulfills the specifications of the FDA (Food and Drug Administration) for contact to foodstuff in the USA. The line is resistant against a lot of oils, chemicals and solvents.

► **Specification:**

Conductor: Cu conductor stranded, tin plated
Insulation: 12Y-Hytrel®

Operating voltage: 150 V ($\leq 0.25 \text{ mm}^2$)
300 V ($\geq 0.50 \text{ mm}^2$)

Withstand voltage: 450 V ($\leq 0.25 \text{ mm}^2$)
900 V ($\geq 0.50 \text{ mm}^2$)

Temperature range: -40°C up to +120°C (static)
-25°C up to +120°C (dynamic)

Item:	Cross section:	Strands layout:	Outer diameter:	Colour:	PU:	≥ 100	≥ 500	≥ 1000
LIH014SW	0.14 mm ²	18 x 0.10 mm	0.85 mm	black	100 m reel	0,113	0,100	0,087
LIH014RT	0.14 mm ²	18 x 0.10 mm	0.85 mm	red	100 m reel	0,113	0,100	0,087
LIH014BL	0.14 mm ²	18 x 0.10 mm	0.85 mm	blue	100 m reel	0,113	0,100	0,087
LIH014WS	0.14 mm ²	18 x 0.10 mm	0.85 mm	white	100 m reel	0,113	0,100	0,087
LIH025SW	0.25 mm ²	32 x 0.10 mm	1.1 mm	black	100 m reel	0,167	0,147	0,128
LIH025RT	0.25 mm ²	32 x 0.10 mm	1.1 mm	red	100 m reel	0,167	0,147	0,128
LIH025BL	0.25 mm ²	32 x 0.10 mm	1.1 mm	blue	100 m reel	0,167	0,147	0,128
LIH025WS	0.25 mm ²	32 x 0.10 mm	1.1 mm	white	100 m reel	0,167	0,147	0,128
LIH050SW	0.50 mm ²	64 x 0.10 mm	1.5 mm	black	100 m reel	0,268	0,236	0,205
LIH050RT	0.50 mm ²	64 x 0.10 mm	1.5 mm	red	100 m reel	0,268	0,236	0,205
LIH050BL	0.50 mm ²	64 x 0.10 mm	1.5 mm	blue	100 m reel	0,268	0,236	0,205
LIH050WS	0.50 mm ²	64 x 0.10 mm	1.5 mm	white	100 m reel	0,268	0,236	0,205
LIH075SW	0.75 mm ²	24 x 0.20 mm	1.7 mm	black	100 m reel	0,290	0,256	0,222
LIH075RT	0.75 mm ²	24 x 0.20 mm	1.7 mm	red	100 m reel	0,290	0,256	0,222
LIH075BL	0.75 mm ²	24 x 0.20 mm	1.7 mm	blue	100 m reel	0,290	0,256	0,222
LIH075WS	0.75 mm ²	24 x 0.20 mm	1.7 mm	white	100 m reel	0,290	0,256	0,222
LIH1SW	1.00 mm ²	32 x 0.20 mm	1.9 mm	black	100 m reel	0,312	0,276	0,239
LIH1RT	1.00 mm ²	32 x 0.20 mm	1.9 mm	red	100 m reel	0,312	0,276	0,239
LIH1BL	1.00 mm ²	32 x 0.20 mm	1.9 mm	blue	100 m reel	0,312	0,276	0,239
LIH1WS	1.00 mm ²	32 x 0.20 mm	1.9 mm	white	100 m reel	0,312	0,276	0,239