Network technology

ONE RANGE. MANY ADVANTAGES.

2022

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CONTENT

Key facts about twisted pair network cables

A twisted pair cable is containing crossed-over, twisted, or stranded pairs of cores. The twisted wires together with an electrically conductive shield avoid interference from external magnetic alternating fields, which can be caused by other cables that conduct electricity. In addition, crosstalk between neighbouring pairs of conductors within the cable is reduced. Many cables have a halogen-free outer sheath, in order to avoid producing any dangerous gas, smoke, or acid in case of fire (abbreviation: LSZH or LS0H).

Shielding
There are two basic types of cable: shielded and unshielded. In contrast to the shielded cables, unshielded cables offer distinctly poorer transmission quality, which impairs the performance at high transmission rates and in long lines. The ISO/IEC-11801 standard governs the shielding designations through the XX/YZZ code:

> XX stands for the shielding of the outer sheath
  U: unshielded
  F: foil shield
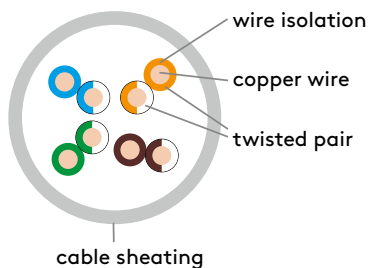 S: braided shield
  SF: braided and foil shield

> Y stands for the shielding of the core pairs
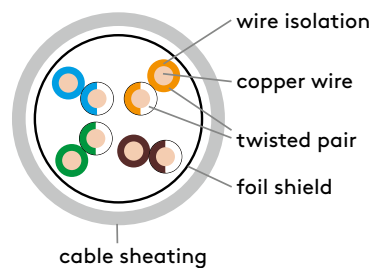 U: unshielded
  F: foil shield
  S: braided shield

> ZZ always stands for TP: twisted pair
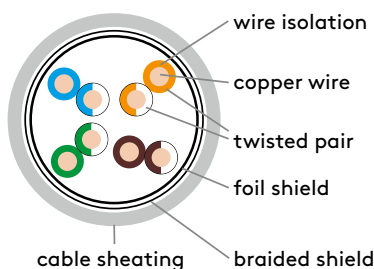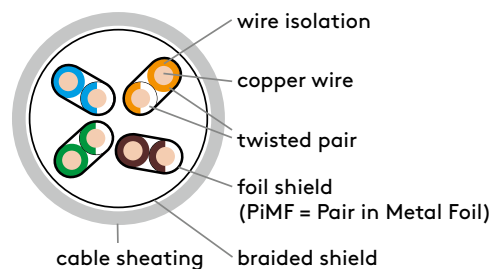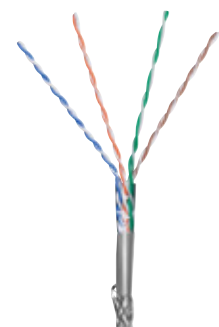
U/UTP

wire isolation
copper wire
twisted pair
cable sheating

F/UTP

wire isolation
copper wire
twisted pair
foil shield
cable sheating

EIA/TIA-568B

5 4   1 2   3 6   7 8

Pair 1
white/
blue

Pair 2
white/
orange

Pair 3
white/
green

Pair 4
white/
brown

SF/UTP

wire isolation
copper wire
twisted pair
foil shield
cable sheating   braided shield

S/FTP

wire isolation
copper wire
twisted pair
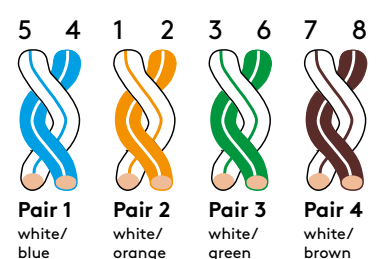foil shield
(PiMF = Pair in Metal Foil)
cable sheating   braided shield

Categories
Twisted pair cables are standardised and divided into performance categories. Each category covers various requirements and quality specifications. The current categories 5 to 7 are specified in ISO/IEC 11801. The European Norm EN 50173 stipulates the division of twisted pair cables into the classes A to F.

EIA/TIA 568	ISO/IEC 11801	EN 50173	Band width	Application
Cat. 1		-	0.4 kHz	Phone and modem lines
-		Class A	100 kHz	Phone and modem lines
Cat. 2		Class B	4 MHz	Terminal systems, ISDN
Cat. 3		Class C	12.5 - 16 MHz	10BASE-T, 100BASE-T4, ISDN, analog phone
Cat. 4		-	20 MHz	Token Ring (16 MBit)
Cat. 5	Cat. 5	Class D	100 MHz	100BASE-TX, SONET, SOH
Cat. 5e	Cat. 5e	Class D	100 MHz	1000BASE-T
Cat. 6	Cat. 6	Class E	250 MHz	10GBASE-T (up to 55 metres), 155-Mbit-ATM, 622-Mbit-ATM
Cat. 6_A	Cat. 6_A	Class E_A	500 MHz	10GBASE-T
	Cat. 7	Class F	600 MHz	10GBASE-T
	Cat. 7_A	Class F_A	1000 MHz	10GBASE-T
Cat. 8	Cat. 8.1/8.2*	Class G	1,600-2,000 MHz	40GBASE-T and 100GBASE-T (up to 30 metres)

*see also page 21 (Cat 8 overview)

CAT

5e 6 6A 7* 8.1

* CAT 7 RAW CABLE WITH CAT 6A CONNECTORS

5 DIFFERENT CATEGORIES

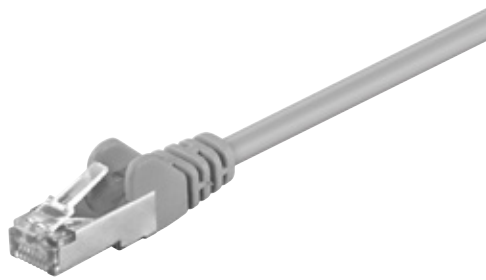## CABLE TYPES

AVAILABLE IN DIFFERENT
STANDARDISED BANDWIDTHS:

CAT 5e	=	100	MHZ
CAT 6	=	250	MHZ
CAT 6A	=	500	MHZ
CAT 7	=	600	MHZ
CAT 8.1	=	2000	MHZ

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.5 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 stranded
Shielding class	SF/UTP
Number of shieldings	2
Type 1, shielding	foil (aluminium)
Type 2, shielding	braid (aluminium) overall shield
Connection, type	RJ45 male (8P8C)
Connection, shielding	yes
Latch protection	both sides

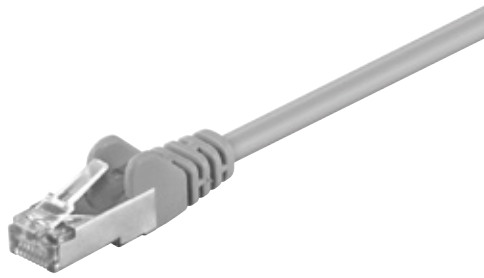## Goobay

CAT 5e Patch Cable, SF/UTP

copper-clad aluminium wire (CCA)

- Prewired, double shielded CAT 5e LAN cable with 2x RJ45 plugs for connecting network components
- A foil and a braid screen (SF/UTP) prevent interference from external sources and provide ideal signal distribution with minimal losses
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the RJ45 plugs prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- CAT 5e network cable suitable for Gigabit Ethernet with speeds of up to 10/100/1000 Mbit/s
- Network connector: pair sequence according to EIA/TIA 568B, cable construction: twisted pair cable
- Length of the Ethernet cable indicated on the overmoulded slimline strain relief

Cable length	grey	black	white	blue	orange	yellow	green	magenta	red	violet
	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk
0.25 m	95206	95211	95213	95203				95208	95210	
0.50 m	50143	68665	93478	68053	93444	68064	68042		68031	93512
1.00 m	50144	68666	93479	68054		68065	68043	93411	68032	
1.50 m	95546	95551	95553	95543			95547			95552
2.00 m	50145	68669	93482	68055		68066	68044		68033	93516
3.00 m	50146	68671	93484	68056			68045	93416	68034	
5.00 m	50147	68673	93486	68057		68068	68046		68035	
7.50 m	50148	68675	93488							
10.00 m	50149	68667	93480						68037	
15.00 m	50877	68668	93481							
20.00 m	50878	68670	93483						68039	
25.00 m	95624	95629	95631							
30.00 m	50879	68672	93485							
50.00 m	50880	68674	93487				68052			

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.5 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	F/UTP
Number of shieldings	1
Type 1, shielding	foil (aluminium)
Connection, type	RJ45 male (8P8C)
Connection, shielding	yes
Latch protection	both sides

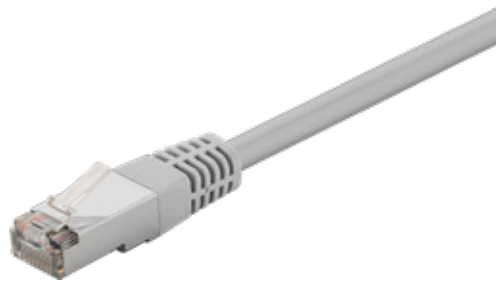## Goobay

CAT 5e Patch Cable, F/UTP

copper-clad aluminium wire (CCA)

- Prewired, shielded CAT 5e LAN cable with 2x RJ45 plugs for connecting network components
- Foil screen (F/UTP) prevents interference from external sources (crosstalk) and provides ideal signal distribution with minimal losses
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the RJ45 plugs prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- CAT 5e network cable suitable for Gigabit Ethernet with speeds of up to 10/100/1000 Mbit/s
- Network connector: pair sequence according to EIA/TIA 568B, cable construction: twisted pair cable
- Length of the Ethernet cable indicated on the overmoulded slimline strain relief

Cable length	grey	black	white	blue	orange	yellow	green	red
	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk
0.25 m	68618	68704	93489	68615	93455	68617	68619	68620
0.50 m	50126	68654	93490	50157	93456	50164	50179	50150
1.00 m	50127	68655	93491	50158	93457	50165	50180	50151
1.50 m	95535	95540	95542	95532	95538	95534	95536	95539
2.00 m	50128	68658	93494	50159	93460	50166	50181	50152
3.00 m	50129	68660	93496	50160	93462	50167	50182	50153
5.00 m	50130	68662	93498	50161	93464	50168	50183	50154
7.50 m	50131	68664	93500	50162		50169		50155
10.00 m	50133	68656	93492	50163	93458	50178	50185	50156
15.00 m	50197	68657	93493	50862			50870	
20.00 m	50198	68659	93495	50863		50867	50871	
25.00 m	95613	95618	95620					
30.00 m	50199	68661	93497					
50.00 m	50200	68663	93499					

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.6 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	F/UTP
Number of shieldings	1
Type 1. shielding	foil (aluminium)
Connection. type	RJ45 male (8P8C)
Connection. shielding	yes
Latch protection	no

Goobay

CAT 5e Patch Cable, F/UTP

copper-clad aluminium wire (CCA), without latch protection

- Prewired, shielded CAT 5e LAN cable with 2x RJ45 plugs for connecting network components
- Foil screen (F/UTP) prevents interference from external sources (cross-talk) and provides ideal signal distribution with minimal losses
- High-quality copper-clad aluminium wire (CCA) guarantees an excellent network connection
- 2x RJ45 connectors (without latch protection) with gold-plated contacts for a reliable and powerful internet connection
- CAT 5e network cable suitable for Gigabit Ethernet with speeds of up to 10/100/1000 Mbit/s
- Network connector: pair sequence according to EIA/TIA 568B, cable construction: twisted pair cable
- Length of the Ethernet cable indicated on the overmoulded slimline strain relief

Cable length	grey	blue
	Bulk	Bulk
0.50 m	73076	73071
1.00 m	73077	73072
2.00 m	73078	73123
3.00 m	73079	73073
5.00 m	73080	73074
10.00 m	73081	73075

FIT
IN SHORT AND LONG

UP TO 18 DIFFERENT CABLE LENGTHS

LENGTH STAMPED ON ALMOST ALL RJ45

CONNECTORS

EASY TO READ

0.15 METER
TO **75** METER

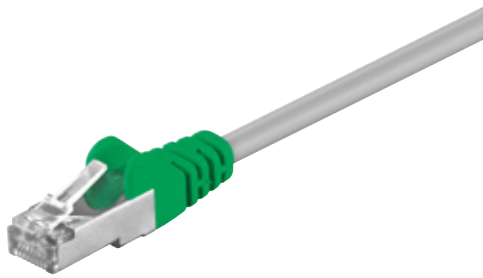| Material cable sheath	PVC
Cable sheath diameter (approx.)	4.5 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	28/7 (stranded)
Shielding class	U/UTP
Connection, type	RJ45 male (8P8C)
Connection, shielding	no
Latch protection	both sides

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CAT 5e Patch Cable, U/UTP

copper-clad aluminium wire (CCA)

- Prewired, unshielded LAN cable with 2x RJ45 plugs for connecting network components
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the RJ45 connector prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Bend protection and a sturdy PVC jacket effectively protect the Ethernet cable from breakage
- Length of the network cable indicated on the overmoulded slimline strain relief
- Network connector: pair sequence according to EIA/TIA 568B
- CAT 5e network cable suitable for Gigabit Ethernet with speeds of up to 10/100/1000 Mbit/s

Cable length	grey Bulk	black Bulk	white Bulk	blue Bulk	orange Bulk	yellow Bulk	green Bulk	magenta Bulk	red Bulk	violet Bulk
0.25 m	68611	68703	68614	68608	95201	68610	68612	95200	68613	95202
0.50 m	68337	68643	68500	68335	95215	68336	68338	95214	68339	95216
1.00 m	68342	68644	68501	68340	95218	68341	68343	95217	68344	95219
1.50 m	95557	95562	95564	95554	95560	95556	95558	95559	95561	95563
2.00 m	68357	68647	68504	68355	95227	68356	68358	95226	68359	95228
3.00 m	68367	68649	68506	68365	95233	68366	68368	95232	68369	95234
5.00 m	68377	68651	68508	68375	95239	68376	68378	95238	68379	95240
7.50 m	68387	68653	68510	68385	95245	68386	68388	95244	68389	95246
10.00 m	68347	68645	68502	68345	95221	68346	68348	95220	68349	95222
15.00 m	68352	68646	68503	68350	95224	68351	68353		68354	95225
20.00 m	68362	68648	68505	68360	95230	68361	68363	95229	68364	95231
25.00 m	95635	95640	95642							
30.00 m	68372	68650	68507							
50.00 m	68382	68652	68509							

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.5 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	F/UTP
Number of shieldings	1
Type 1, shielding	foil (aluminium)
Connection, type	RJ45 male (8P8C)
Connection, shielding	yes
Latch protection	both sides

Goobay

CAT 5e, Crossover Patch Cable, F/UTP, grey, green

copper-clad aluminium wire (CCA)

- Crossover CAT 5e LAN cable with 2x RJ45 plugs for connecting network components
- Foil screen (F/UTP) prevents interference from external sources (cross-talk) and provides ideal signal distribution with minimal losses
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the RJ45 plugs prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Network connector: pair sequence according to EIA/TIA 568 A/B
- Length of the Ethernet cable indicated on the overmoulded slimline strain relief

Cable length	Bulk
1.00 m	50186
2.00 m	50187
3.00 m	50188
5.00 m	50189
10.00 m	50190

Material cable sheath	PVC
Cable sheath diameter (approx.)	4.5 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	28/7 (stranded)
Shielding class	U/UTP
Connection, type	RJ45 male (8P8C)
Connection, shielding	no
Latch protection	both sides

Goobay

CAT 5e Crossover Patch Cable, U/UTP, grey-green
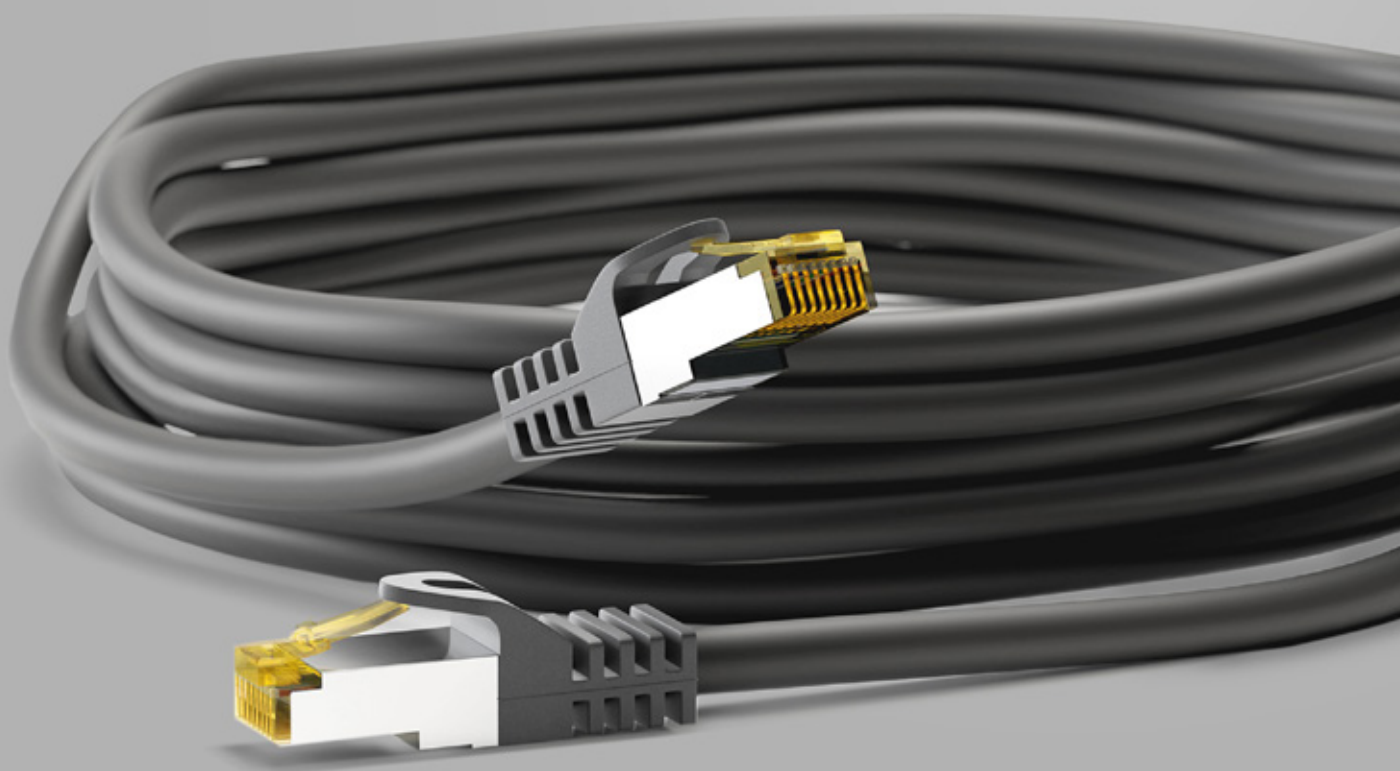
copper-clad aluminium wire (CCA)

- Prewired, unshielded crossover cable with 2x RJ45 plugs for connecting network components
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the RJ45 connector prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Bend protection and a sturdy PVC jacket effectively protect the Ethernet cable from breakage
- Length of the network cable indicated on the overmoulded slimline strain relief
- Network connector: cross-wired, pair sequence according to EIA/TIA 568A/B
- CAT 5e LAN cable is suitable for Gigabit Ethernet with speeds of up to 10/100/1000 Mbit/s

Cable length	Bulk
0.25 m	68609
0.50 m	68860
1.00 m	68861
2.00 m	68864
3.00 m	68866
5.00 m	68868
10.00 m	68862

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted. Other products on request.

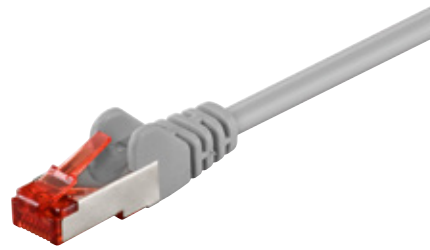# OVER **30 SERIES**
IN MANY DESIGNS
1,500 ITEMS

PROVEN & PROFESSIONAL
PATCH CABLES

THE BASE FOR HIGH-SPEED APPLICATIONS

FOR OFFICE AND BUILDING CABLING

DIFFERENT PERFORMANCE CLASSES

Material cable sheath	LSZH
Cable sheath diameter (approx.)	6 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	28/7 (stranded)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium) overall shield
Connection, type	RJ45 male (8P8C)
Connection, shielding	yes
Latch protection	both sides

Goobay

CAT 6 Patch Cable S/FTP (PiMF)
copper conductor (CU), halogen-free cable sheath (LSZH)

- Prewired, double shielded LAN cable with RJ45 plugs for connecting network components
- CAT 6 internet cable suitable for 10 Gigabit Ethernet 10BASE-T, 100BASE-TX, 1000BASE-T, 10/100/1000/10000 Mbit/s
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper conductor (CU) and gold-plated contacts guarantee an excellent, powerful network connection
- Bend protection and a sturdy PVC jacket effectively protect the network cable from breakage
- Latch protection on the RJ45 connector prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Ethernet cable is CAT 6 tested and suitable for Power over Ethernet (PoE, PoE+)

Cable length	grey Bulk	black Bulk	white Bulk	blue Bulk	orange Bulk	yellow Bulk	green Bulk	magenta Bulk	red Bulk	violet Bulk	transparent* Bulk
0.15 m	92455	92459	92462	92452	92457	92453	92454	92456	92458	92461	92460
0.25 m	93212	93215	93217	93211	93340	93210	93213	93339	93214	93342	93341
0.50 m	50885	68687	93501	68266	93467	68299	68288	93433	68277	93535	93546
1.00 m	50886	68693	93502	68267	93468	68300	68289	93434	68278	93536	93547
1.50 m	95579	95584	95587	95576	95582	95578	95580	95581	95583	95586	
2.00 m	50887	68696	93505	68268	93471	68301	68290	93437	68279	93539	93550
3.00 m	50888	68698	93507	68269	93473	68302	68291	93439	68280	93541	93552
5.00 m	50889	68700	93509	68270	93475	68303	68292	93441	68281	93543	93567
7.50 m	50890	68702	93511	68271	93477	68304	68293	93443	68282	93545	
10.00 m	50891	68694	93503	68272	93469	68305	68294	93435	68283	93537	93548
15.00 m	50892	68695	93504	68273	93470	68306	68295	93436	68284	93538	
20.00 m	50893	68697	93506	68274	93472	68307	68296	93438	68285	93540	
25.00 m	95646	95651	95656	95643	95649	95645	95647		95650	95653	
30.00 m	50894	68699	93508	68275	93474	68308	68297	93440	68286	93542	
50.00 m	50895	68701	93510	68276	93476	68309	68298	93442	68287	93544	

*not LSOH/LSZH
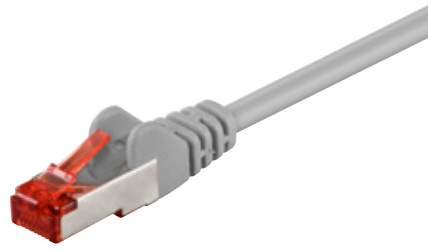
Material cable sheath	PVC
Cable sheath diameter (approx.)	5.9 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	27/7 (stranded)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium) overall shield
Connection, type	RJ45 male (8P8C)
Connection, shielding	yes
Latch protection	both sides

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CAT 6 Patch Cable S/FTP (PiMF)
copper-clad aluminium wire (CCA)

- Prewired, double shielded LAN cable with 2x RJ45 plugs for connecting network components
- CAT 6 internet cable suitable for Gigabit Ethernet with a speed of up to 10/100/1000 Mbit/s
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Bend protection and a sturdy PVC jacket effectively protect the Ethernet cable from breakage
- Latch protection on the RJ45 connector prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Length of the network cable indicated on the overmoulded slimline strain relief

Cable length	grey	black	white	blue	orange	yellow	green	magenta	red	violet
	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk
0.25 m	93371	95458	95461	95452	95456	95453	95454	95455	95457	95460
0.50 m	93568	95468	95471	95462	95466	95463	95464	95465	95467	95470
1.00 m	93569	95478	95481	95472	95476	95473	95474	95475	95477	95480
1.50 m	95567	95572	95575	95565	95570	95566	95568	95569	95571	95574
2.00 m	93570	95498	95501	95492	95496	95493	95494	95495	95497	95500
3.00 m	93571	95508	95511	95502	95506	95503	95504	95505	95507	95510
5.00 m	93572	95518	95521	95512	95516	95513	95514	95515	95517	95520
7.50 m	93650	95528	95531	95522	95526	95523	95524	95525	95527	95530
10.00 m	93651	95488	95491	95482	95486	95483	95484		95487	95490

Material cable sheath	LSZH
Cable sheath diameter (approx.)	5.8 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	26/7 (stranded)
Shielding class	U/UTP
Connection, type	RJ45 male (8P8C)
Connection, shielding	no
Latch protection	both sides
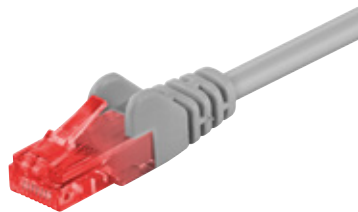
Goobay

CAT 6, U/UTP Patch Cable, LSZH, CU, grey
copper conductor (CU), halogen-free cable sheath (LSZH)

- Prewired, unshielded LAN cable with RJ45 plugs for connecting network components
- High-quality copper conductor (CU) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the RJ45 connector prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Bend protection and a sturdy PVC jacket effectively protect the Ethernet cable from breakage
- The CAT 6 cable is suitable for 10 Gigabit Ethernet with speeds of up to 10/100/1000/10000 Mbit/s.
- Length of the network cable indicated on the overmoulded slimline strain relief
- Network connector: pair sequence according to EIA/TIA 568B

Cable length	Bulk
0.50 m	93668
1.00 m	93669
1.50 m	93670
2.00 m	93671
3.00 m	93672
5.00 m	93673
7.50 m	93674
10.00 m	93675
15.00 m	93689
20.00 m	93690

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.8 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	24/7 (stranded)
Shielding class	U/UTP
Connection, type	RJ45 male (8P8C)
Connection, shielding	no
Latch protection	both sides

Goobay

CAT 6 Patch Cable, U/UTP

copper-clad aluminium wire (CCA)

- Prewired, unshielded LAN cable with 2x RJ45 plugs for connecting network components
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the RJ45 connector prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Bend protection and a sturdy PVC jacket effectively protect the Ethernet cable from breakage
- The CAT 6 network cable is suitable for Gigabit Ethernet with a speed of up to 10/100/1000 Mbit/s
- Length of the network cable indicated on the overmoulded slimline strain relief
- Network connector: pair sequence according to EIA/TIA 568B

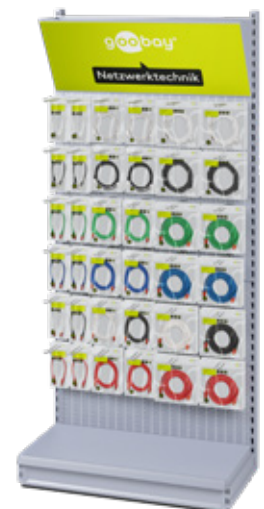| Cable length	grey	black	white	blue	orange	yellow	green	magenta	red	violet
	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk
0.25 m	95250	95255	95257	95247	95253	95249	95251	95252	95254	95256
0.50 m	68434	68676	68632	68432	95259	68433	68435	95258	68436	95260
1.00 m	68439	68677	68633	68437	95262	68438	68440	95261	68441	95263
1.50 m	95591	95596	95598	95588	95594	95590	95592	95593	95595	95597
2.00 m	68454	68680	68635	68452	95271	68453	68400	95270	68401	95272
3.00 m	68409	68682	68636	68407	95277	68408	68410	95276	68411	95278
5.00 m	68419	68684	68637	68417	95280	68418	68420	95279	68421	95281
7.50 m	68429	68686	68638	68427	95283	68428	68430	95282		95284
10.00 m	68444	68678	68634	68442	95265	68443	68445	95264	68446	95266
15.00 m	68449	68679	68639	68447	95268	68448	68450	95267	68451	95269
20.00 m	68404	68681	68640	68402	95274	68403	68405	95273	68406	95275
25.00 m	95662	95667	95661		95665	95660	95663		95666	
30.00 m	68414									

Goobay

POS hanging display strip

The most flexible option for second placement.

- presents up to 12 products with euro slot hangers in aisles, on shelves, or near highly frequented sales zones
- perfect for cross-selling
- easy second placement in product-related areas
- space-saving and easy handling

45426 Bulk
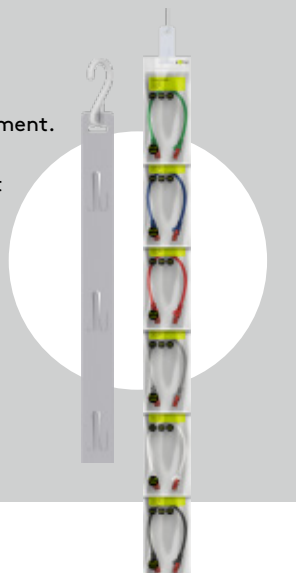
Cable length	grey
	Retail Polybag
0.25 m	72572
0.50 m	72573
1.00 m	72574
2.00 m	72575
3.00 m	72576
5.00 m	72577
10.00 m	72578

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted. Other products on request.
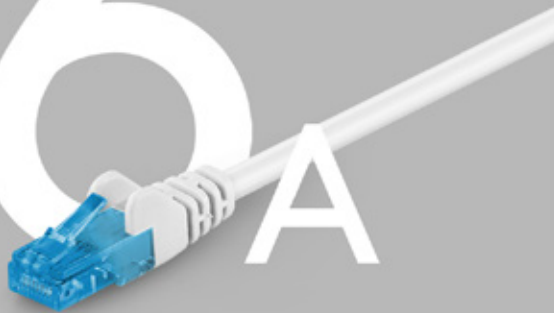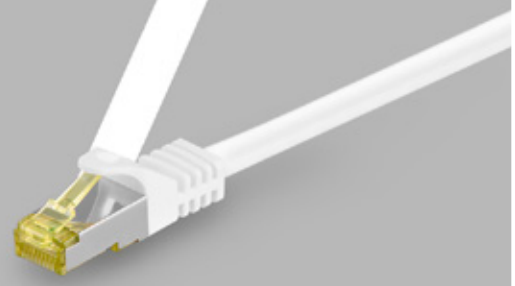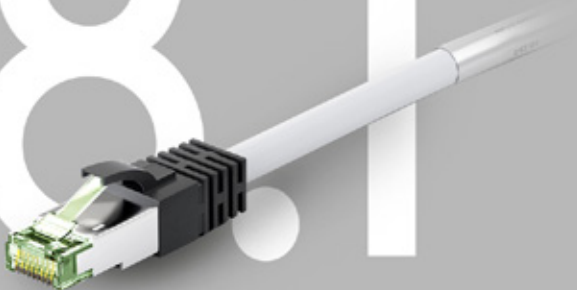
INTUITIVE
PLUGS WITH COLOR CODE

CAT 5e
CAT 6
CAT 6A
CAT 7 RAW CABLE
CAT 8.1

Material cable sheath	LSZH
Cable sheath diameter (approx.)	6 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	28/7 (stranded)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium) overall shield
Connection, type	RJ45 male (8P8C)
Connection, shielding	yes
Latch protection	both sides

Goobay

CAT 6 Crossover Patch Cable, S/FTP (PiMF), grey, green

copper conductor (CU), halogen-free cable sheath (LSZH)

- Cross-link, double shielded LAN cable with 2x RJ45 plugs for connecting network components
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper conductor (CU) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection RJ45 plug prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- CAT 6 crossover cable suitable for 10 Gigabit Ethernet 10BASE-T, 100BASE-TX, 1000BASE-T, 10/100/1000/10000 Mbit/s
- Bend protection and a sturdy PVC jacket effectively protect the Ethernet cable from breakage
- Network connector: cross-wired, pair sequence according to EIA/TIA 568A/B

Cable length	Bulk
1.00 m	68456
2.00 m	68459
3.00 m	68461
5.00 m	68463

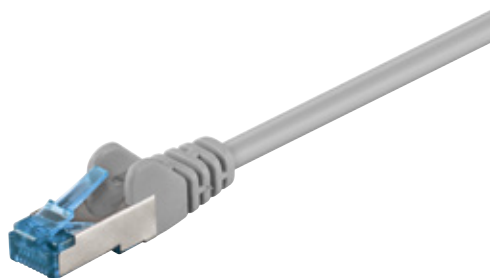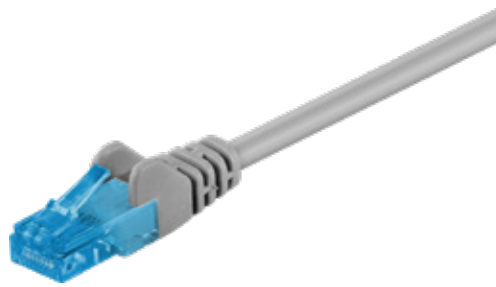|	
Material cable sheath	PVC
Cable sheath diameter (approx.)	5.8 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	24/7 (stranded)
Shielding class	U/UTP
Connection, type	RJ45 male (8P8C)
Connection, shielding	no
Latch protection	both sides

Goobay

CAT 6 Crossover Patch Cable, U/UTP, grey, green

copper-clad aluminium wire (CCA)

- Cross-wired, unshielded CAT 6 LAN cable with 2x RJ45 plugs for connecting network components
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the RJ45 connector prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Bend protection and a sturdy PVC jacket effectively protect the Ethernet cable from breakage
- The CAT 6 crossover cable is suitable for 10 Gigabit Ethernet with speeds of up to 10/100/1000/10000 Mbit/s
- Length of the network cable indicated on the overmoulded slimline strain relief
- Network connector: cross-wired, pair sequence according to EIA/TIA 568 A/B

Cable length	Bulk
1.00 m	68471
2.00 m	68474

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

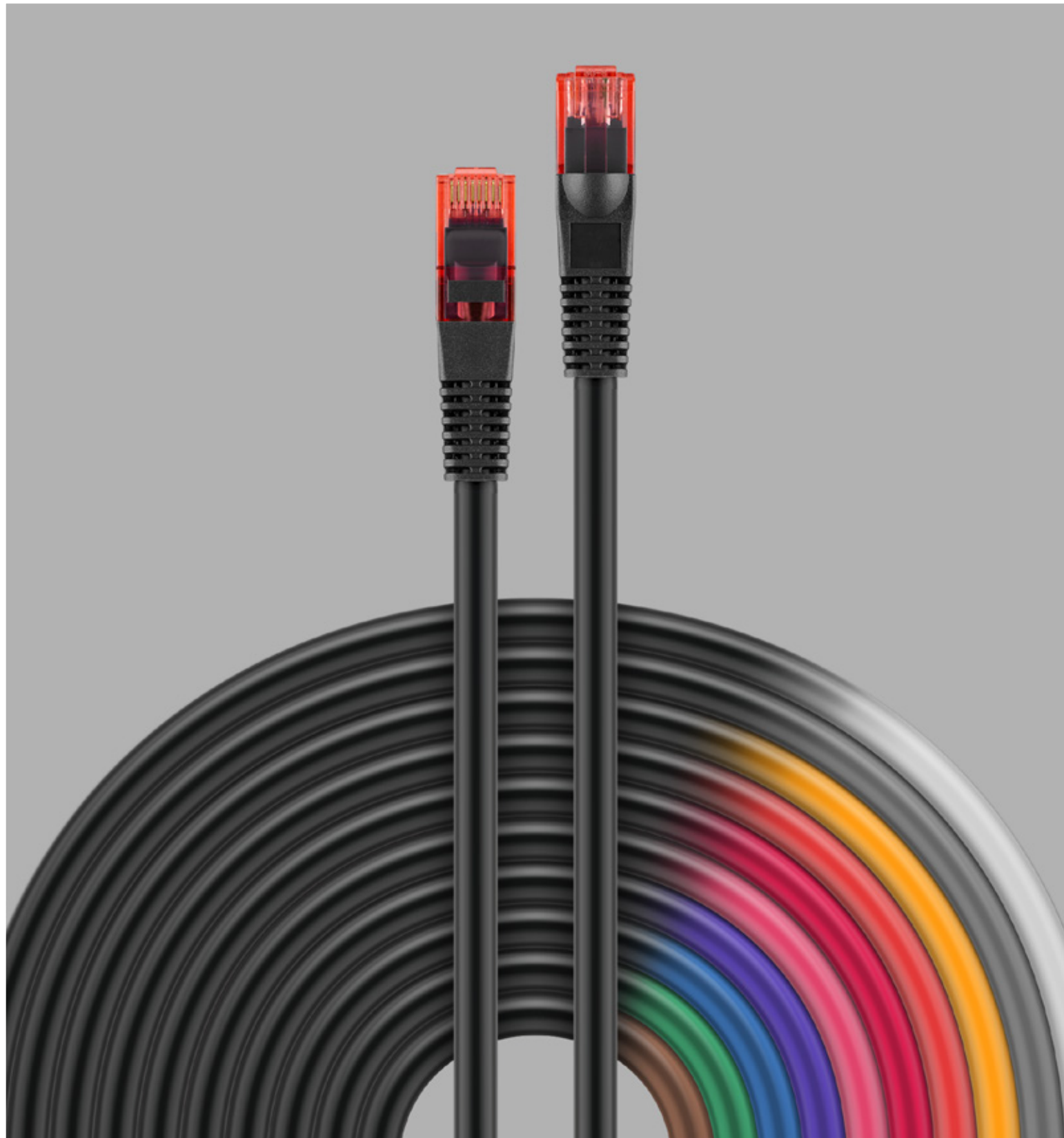|	
Material cable sheath	LSZH
Cable sheath diameter (approx.)	6 mm
max. bandwidth	500 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	27/7 (stranded)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium) overall shield
Connection, type	RJ45 male (8P8C)
Connection, shielding	yes
Latch protection	both sides

Goobay

CAT 6A Patch Cable, S/FTP (PiMF)

copper conductor (CU), halogen-free cable sheath (LSZH)

- Double shielded LAN cable with 2x RJ45 plugs for connecting network components
- CAT 6A internet cable suitable for 10 Gigabit Ethernet 10BASE-T, 100BASE-TX, 1000BASE-T, 10/100/1000/10000 Mbit/s
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper conductor (CU) and 3μ gold-plated contacts guarantee an excellent, powerful network connection
- Bend protection and a sturdy PVC jacket effectively protect the Ethernet cable from breakage
- Latch protection on RJ45 plugs prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Network cable is CAT 6A tested (incl. test report) and suitable for Power over Ethernet (PoE, PoE+)

Cable length	grey	black	white	blue	orange	yellow	green	magenta	red	violet
	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk
0.25 m	94137	94152	94158	94130	94146	94134	94140	94143	94149	94155
0.50 m	93659	93664	93667	93656	93662	93658	93660	93661	93663	93666
1.00 m	93680	93685	93688	93677	93683	93679	93681	93682	93684	93687
1.50 m	95602	95607	95609	95599	95605	95601	95603	95604	95606	95608
2.00 m	93741	93746	93749	93738	93744	93740	93742	93743	93745	93748
3.00 m	93782	93787	93790	93779	93785	93781	93783	93784	93786	93789
5.00 m	93815	93820	93823	93812	93818	93814	93816	93817	93819	93822
7.50 m	93848	93853	93856	93845	93851	93847	93849	93850	93852	93855
10.00 m	93701	93706	93709	93698	93704	93700	93702	93703	93705	93708
15.00 m	94138	94153	94159	94131		94135	94141	94144	94150	94156
20.00 m	94139	94154	94160	94133			94142		94151	
30.00 m	94907	94905	94909	94911						
50.00 m	94908	94906	94910							

Material cable sheath	LSZH
max. bandwidth	500 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	26/7 (stranded)
Shielding class	U/UTP
Cable sheath diameter (approx.)	5 mm
Connection, type	RJ45 male (8P8C)
Latch protection	both sides

Goobay

CAT 6A Patch Cable U/UTP

copper conductor (CU), halogen-free cable sheath (LSZH)

- Prewired, unshielded LAN cable with 2x RJ45 plugs for connecting network components
- CAT 6A internet cable suitable for 10 Gigabit Ethernet with a speed of up to 10/100/1000/10000 Mbit/s
- High-quality copper conductor (CU) and 50µ gold-plated contacts guarantee an excellent, powerful network connection
- Bend protection and a sturdy PVC jacket effectively protect the network cable from breakage
- Latch protection on RJ45 plugs prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Internet cable is CAT 6A tested and suitable for Power over Ethernet (PoE, PoE+)
- Length of the Ethernet cable indicated on the overmoulded slimline strain relief

| Cable length	grey	black	white
	Bulk	Bulk	Bulk
0.25 m	55417	55404	59822
0.50 m	55418	55405	59823
1.00 m	55419	55406	59824
1.50 m	55420	55407	59825
2.00 m	55421	55408	59826
3.00 m	55422	55409	59827
5.00 m	55423	55410	59828
7.50 m	55424	55411	59829
10.00 m	55425	55412	59830
15.00 m	55426	55413	59831
20.00 m	55427	55414	59832
30.00 m	55428	55415	59834
50.00 m	55429	55416	59835

CLEARLY STRUCTURED
UP TO 11 CABLE COLOURS
(DEPENDING ON SERIES)

FOR STRUCTURED CABLING

COLOURS FACILITATE GUIDANCE
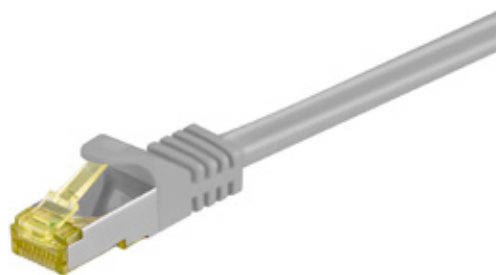
Material cable sheath	LSZH
Cable sheath diameter (approx.)	6.2 mm
max. bandwidth	600 MHz
Cable type	CAT 7 raw cable
Inner conductor material	CU (copper)
AWG	26/7 stranded
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium) overall shield
Connection, type	RJ45 male (8P8C)
Connection, shielding	yes
Latch protection	both sides

Goobay

RJ45 Patch Cord CAT 6A S/FTP (PiMF), 500 MHz, with CAT 7 Raw Cable

LSZH halogen-free cable sheat, RJ45 (CAT6A) plug, CU

- Prewired, double shielded LAN cable (CAT 7 with 600 MHz) with RJ45 connectors (CAT 6A with 500 MHz) for connecting network components
- High speed network cable especially for game consoles with high-resolution picture (8K @ 60 Hz and 4K @ 120 Hz) such as Sony PlayStation 5 or Microsoft Xbox X
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper conductor (CU) and 50μ gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the RJ45 connector prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Bend protection and a sturdy PVC jacket effectively protect the Ethernet cable from breakage
- CAT 7 cable is suitable for Power over Ethernet (PoE, PoE+) and 10 Gigabit Ethernet with speeds of up to 10/100/1000/10000 Mbit/s

Cable length	grey	black	white	blue	orange	yellow	green	magenta	red	violet
	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk
0.25 m	91567	91572	91089	91565	91570	91566	91568	91569	91571	91573
0.50 m	91576	91581	91090	91574	91579	91575	91577	91578	91580	91582
1.00 m	91585	91590	91091	91583	91588	91584	91586	91587	91589	91591
1.50 m	91594	91599	91092	91592	91597	91593	91595	91596	91598	91600
2.00 m	91603	91608	91093	91601	91606	91602	91604	91605	91607	91609
3.00 m	91612	91617	91094	91610	91615	91611	91613	91614	91616	91618
5.00 m	91621	91626	91095	91619	91624	91620	91622	91623	91625	91627
7.50 m	91630	91635	91096	91628	91633	91629	91631	91632	91634	91636
10.00 m	91639	91644	91097	91637	91642	91638	91640	91641	91643	91645
15.00 m	91648	91653	91098	91646	91651	91647	91649	91650	91652	91654
20.00 m	91657	91662	91099	91655	91660	91656	91658	91659	91661	91663
25.00 m	91666	91671	91100	91664	91669	91665	91667		91670	
30.00 m	91675	91680	91101	91673	91678	91674	91676	91677	91679	91681

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

CAT 8 cable:
The latest generation of network cables

25/40GBASE-T and Category 8 with up to 2 GHz over twisted pair cables

Ever faster transmission rates and the increasing use of "smart" mobile devices require ever higher data rates. Fibre-optic solutions are more cost-intensive, require restructuring all of the network components or are difficult to deploy on a large scale. Put simply: the four-pair, symmetrical CAT 8 copper components enable provide high bandwidths, low cable attenuation and can save costs and space at the ports by combining 10GBASE-T links.

Goobay CAT 8.1 cables up to 5 metres are tested 1:1

Wentronic is one of the first companies to subject all Goobay CAT 8.1 cables up to 5 metres to a 1:1 test procedure. Each product is tested individually and its own measurement protocol (Fluke DSX-8000 Channel Link) is generated accordingly. The serial numbers on the item and in the measurement protocol are therefore identical and are assigned only once.

Overview: Categories and standardisation bodies

Category 8 cabling components are specified in the USA by the ANSI and TIA associations. The ISO/IEC standardisation body has specified two variants of category 8.1 and 8.2, which are valid worldwide. The different components have different link classes and are backwards compatible.

Category	Standardi-sation body	Link class	Max. frequen-cy	Validity	25/40 GBASE-T	compatible with RJ45	Backward compatibili-ty with
CAT 8	ANSI/TIA	CAT 8 link	2 GHz	USA	yes	yes	categories 6A, 6 and 5E
CAT 8.1	ISO/IEC	I		worldwide			
CAT 8.2		II				no	categories 7A and 7

Improved shielding

The twisting of the double shielded copper cables in a twisted pair cable improves protection against electrical and magnetic interference. In the new CAT 8.1 range from Goobay, the wire pairs are shielded against each other with S/FTP and are equipped with an additional overall braiding to offer improved protection.

Higher data transmission

Goobay's CAT 8.1 cables offer up to 2000 MHz for the high bandwidth requirements in data centres and storage networks. The innovative RJ45 connectors with flexible latch and latch protection transmit class G and are backward compatible.

MHz

100	250	500	600	2000
CAT 5E	CAT 6	CAT 6A	CAT 7	CAT 8
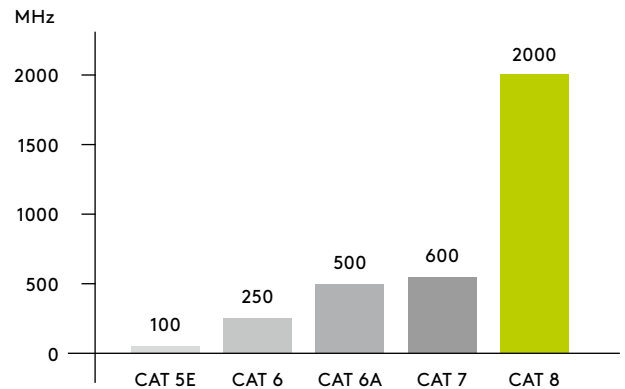
CAT 8 frequency support (MHz) = 4 times the CAT 6A cabling value

Length and colour individually selectable

Offer your customers the widest possible choice: The Goobay range includes CAT 8.1 cables in four colours (grey, black, white, blue) and six lengths (0.25 m - 5 m).

RJ45 network cables with CAT 8.1 raw cable come in four colours (grey, black, white, blue) and five lengths (7.5 m - 25 m).

Stipulated by the test criteria, Goobay network cables with a length of more than 5 metres are labelled as "RJ45 (CAT 6A, 500 MHz) patch cord with CAT 8.1 S/FTP raw cable", even though the cables originally offer a significant increase in performance compared to CAT 6A patch cables even over long distances.
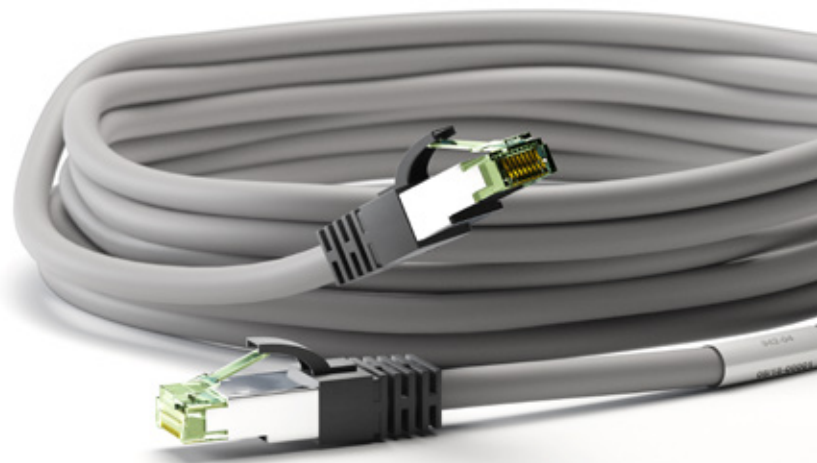
Material cable sheath	LSZH
Cable sheath diameter (approx.)	8.2 mm
max. bandwidth	2000 MHz
Cable type	CAT 8.1 raw cable
Inner conductor material	CU (copper)
inner conductor, core diameter	0.2 mm
AWG	24/7 (stranded)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium) overall shield
Connection, type	RJ45 industry industry female (8P8C)
Connection, shielding	yes
Connection, housing material	PVC
Connection, contact material	gold-plated 50µ
Latch protection	both sides
Contacting	EIA/TIA-568B

Goobay

CAT 8.1 Patch Cord, S/FTP (PiMF)

LSZH halogen-free, AWG24, 99,9% OFC copper

- High-speed internet cable suitable for 25/40GBASE-T Ethernet networks (40 Gigabit-capable) and downward compatible to Ethernet (10BASE-T, 100BASE-TX, 1000BASE-T)
- With a transmission bandwidth of up to 2 GHz (2,000 MHz), the Ethernet cable has 4 times the bandwidth of CAT 6A cables.
- Especially suitable for game consoles with high-resolution picture (8K @ 60 Hz and 4K @ 120 Hz) such as Sony PlayStation 5 or Microsoft Xbox X
- Network cable is CAT 8.1 tested (attached test report and serial number)
- New industrial-standard RJ45 plug with 50µ gold-plated contacts and locking lever protection for an excellent network connection
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- CAT 8 LAN cable is suitable for Power over Ethernet (PoE, PoE+, UPoE, 4PPoE) and HDBaseT

Cable length	grey	black	white	blue
	Bulk	Bulk	Bulk	Bulk
0.25 m	55134	66719	55122	45657
0.50 m	55135	66720	55123	45658
1.00 m	55136	66721	55124	45659
2.00 m	55137	66722	55125	45660
3.00 m	55138	66723	55126	45661
5.00 m	55139	66724	55127	45662

Goobay CAT 8.1 cables up to 5 metres are tested 1:1

Wentronic is one of the first companies to subject all Goobay CAT 8.1 cables up to 5 metres to a 1:1 test procedure. Each product is tested individually and its own measurement protocol (Fluke DSX-8000 Channel Link) is generated accordingly. The serial numbers on the item and in the measurement protocol are therefore identical and are assigned only once.

Cable ID: 942–04–00001
Date: 09/18/2018
Headroom 17.1 dB (NEXT 36–45)
Test Limit: ISO11801 Channel Class
Cable Type: Cat 8/SFTP
NVP: 78.0%

Material cable sheath	LSZH
Cable sheath diameter (approx.)	8.2 mm
max. bandwidth	2000 MHz
Cable type	CAT 8.1 Rohkabel
Inner conductor material	CU (copper)
Inner conductor, core diameter	0.2 mm
AWG	24/7 (stranded)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium) overall shield
LSZH-konform	yes
Knickschutz	both sides
Connection, type	RJ45 industry industry female (8P8C)
Connection, shielding	yes
Anschluss 2, Typ	RJ45 industry industry female (8P8C)
Connection, housing material	PVC
Connection, contact material	gold-plated 50µ
Latch protection	both sides
Contacting	EIA/TIA-568B

Goobay

RJ45 (CAT 6A, 500 MHz) Patch Cord with CAT 8.1 S/FTP Raw Cable

99.9 % oxygen-free copper conductor (OFC), AWG 24, halogen-free cable sheath (LSZH)

- High Speed internet cable suitable for 25/40GBASE-T Ethernet networks (40 Gigabit-capable) and downward compatible to Ethernet (10BASE-T, 100BASE-TX, 1000BASE-T)
- With a transmission bandwidth of up to 2 GHz (2,000 MHz), the Ethernet cable has 4 times the bandwidth of CAT 6A cables.
- Especially suitable for game consoles with high-resolution picture (8K @ 60 Hz and 4K @ 120 Hz) such as Sony PlayStation 5 or Microsoft Xbox X
- New industrial standard RJ45 plug with 50µ gold-plated contacts and locking lever protection for an excellent network connection
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- CAT 8 LAN cable is suitable for Power over Ethernet (PoE, PoE+, UPoE, 4PPoE) and HDBaseT

Cable length	grey	black	white	blue
	Bulk	Bulk	Bulk	Bulk
7.50 m	55140	66725	55128	45663
10.00 m	55141	66726	55129	45664
15.00 m	55142	66727	55130	45665
20.00 m	55143	66728	55131	55119
25.00 m	55144	66729	55132	55120
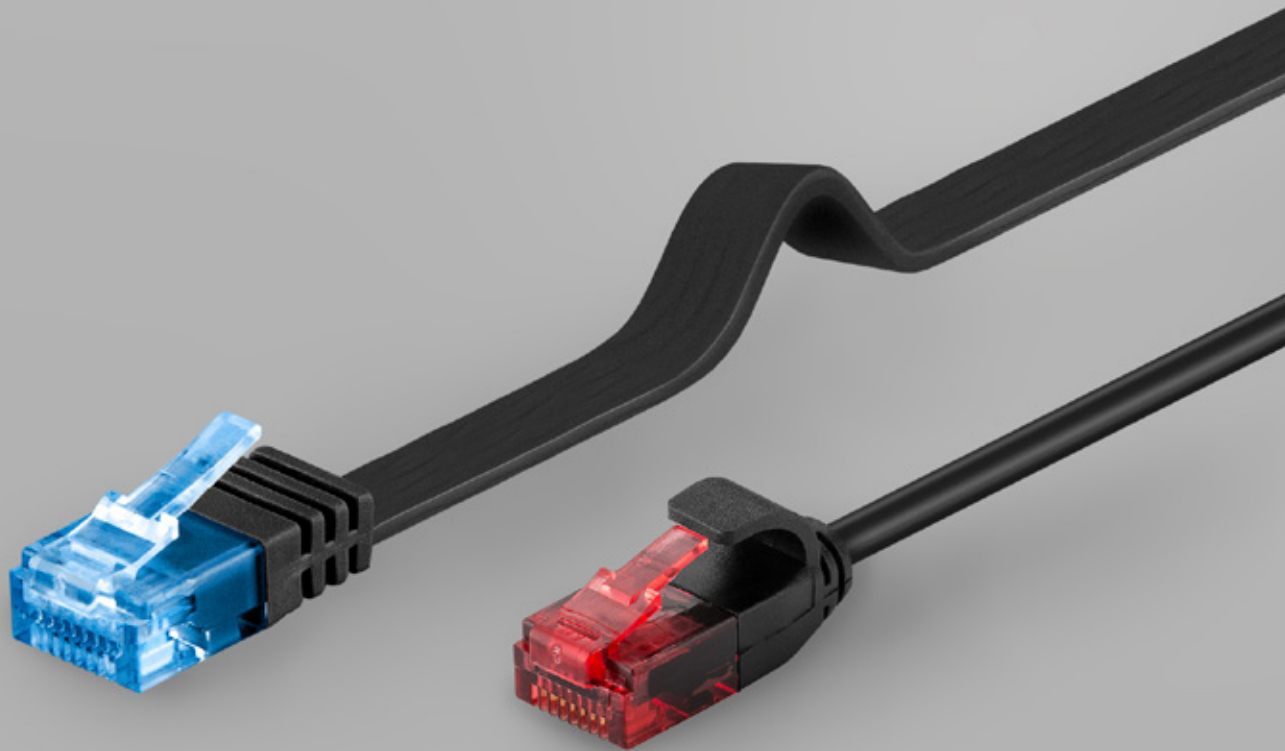
OUTSTANDINGLY THIN & FLEXIBLE
SLIM & FLAT CABLES

SLIM PATCH CABLE
AVAILABLE AS CAT 6 U/UTP
EXTREMELY FLEXIBLE

FLAT PATCH CABLE
AVAILABLE AS CAT 5E/CAT 6 & CAT 6A
SHIELDED OR UNSHIELDED

external dimensions only 1.5 x 6.0 mm

Material cable sheath	PVC
Höhe Kabelmantel	1.5 mm
Breite Kabelmantel	6 mm
max. bandwidth	100 MHz
Cable type	flat cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	30/7 (stranded)
Shielding class	U/UTP
Connection, type	RJ45 male (8P8C)
Connection, shielding	no
Latch protection	no

Goobay

CAT 5e Flat Patch Cable U/UTP, white

copper-clad aluminium wire (CCA)

- Prewired, unshielded LAN cable with 2x short RJ45 plugs for connecting network components
- Extremely flat Ethernet cable with low bending radius and high flexibility, ideal for space-saving installation under floors or skirting boards
- Network flat cable with external dimensions of approx. 1.5 x 6.0 mm
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Length of the network cable indicated on the overmoulded slimline strain relief
- Network connector: pair sequence according to EIA/TIA 568B
- Short connector without latch protection

Cable length	Bulk
0.50 m	93357
1.00 m	93358
1.50 m	95191
2.00 m	93359
3.00 m	93360
5.00 m	93361
7.00 m	93362
10.00 m	93363
15.00 m	93364
20.00 m	93365

External dimensions
only 1.5 x 6 mm

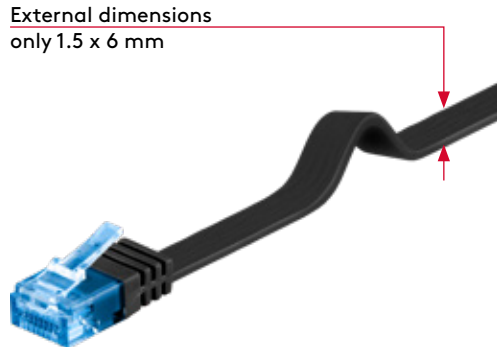| Material cable sheath	PVC
height of cable sheath	1,5 mm
width of cable sheath	6 mm
max. bandwidth	250 MHz
Cable type	flat cable
Inner conductor material	CU (copper)
AWG	32/7 (stranded)
Shielding class	U/UTP
Connection, type	RJ45 male (8P8C)
Latch protection	no

Goobay

CAT 6 Flat Patch Cable, U/UTP

copper conductor (CU)

- Prewired, unshielded LAN cable with 2x RJ45 plugs for connecting network components
- Extremely flat Ethernet cable with low bending radius and high flexibility, ideal for space-saving installation under floors or skirting boards
- Network flat cable with external dimensions of approx. 1.5 x 6.0 mm
- Short RJ45 connector without latch protection
- High-quality copper conductor (CU) and gold-plated contacts guarantee an excellent, powerful network connection
- Bend protection and a sturdy PVC jacket effectively protect the network cable from breakage
- Network connector: pair sequence according to EIA/TIA 568B

Cable length	black	white	blue	orange	dark brown	yellow	light brown	red	violet
	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk
0.50 m	95379	95150	96395		95889	96396	95879		
1.00 m	95380	95151	96401	96403	95890	96402	95880	96400	
1.50 m	95382	95192	96407	96409	95892	96408	95882	96406	
2.00 m	95384	95152	96413	96415	95894	96414	95884	96412	96417
3.00 m	95386	95153	96419		95896	96420	95886	96418	
5.00 m	95387	95154	96426		95897		95887		
7.00 m	95388	95155			95898				
10.00 m	95381	95156			95891		95881		
15.00 m	95383	95157			95893		95883		
20.00 m	95385	95158			95895		95885		

External dimensions
only 1.8 x 6.6 mm

Material cable sheath	PVC
height of cable sheath	1.8 mm
width of cable sheath	6.6 mm
max. bandwidth	250 MHz
Cable type	flat cable
Inner conductor material	CU (copper)
AWG	32/7 (stranded)
Shielding class	U/FTP
Number of shieldings	1
Type 1, shielding	foil (aluminium) PiMF
Connection, type	RJ45 male (8P8C)
Latch protection	both sides

Goobay

CAT 6 Flat Patch Cable U/FTP

copper conductor (CU)

- Prewired, shielded LAN cable with 2x RJ45 plugs for connecting network components
- Extremely flat Ethernet cable with low bending radius and high flexibility, ideal for space-saving installation under floors or skirting boards
- Network flat cable with external dimensions of approx. 1.8 x 6.6 mm
- U/FTP shield: aluminium foil shield for individual wire pairs (PiMF)
- Short RJ45 connector with latch protection
- High-quality copper conductor (CU) and gold-plated contacts guarantee an excellent, powerful network connection
- Bend protection and a sturdy PVC jacket effectively protect the network cable from breakage

Cable length	black	white
	Bulk	Bulk
0.25 m	94229	94913
0.50 m	94230	94914
1.00 m	94231	94915
1.50 m	94232	94916
2.00 m	94233	94917
3.00 m	94234	94918
5.00 m	94235	94919
7.50 m	94236	94920
10.00 m	94237	94921
15.00 m	94238	94922
20.00 m	94239	94923

Diameter cable sheath only 3.6 mm

Material cable sheath	PVC
Cable sheath diameter (approx.)	3.6 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	30/7 (stranded)
Shielding class	U/UTP
Connection, type	RJ45 male (8P8C)
Latch protection	both sides

Goobay

CAT 6 Slim Patch Cable U/UTP

copper conductor (CU)

- Prewired, unshielded LAN cable with 2x RJ45 plugs for connecting network components
- Extremely slim Ethernet cable with small cable diameter of only 3.6 mm
- Internet cable with low bending radius and high flexibility for space-saving installation, e. g. in server racks or data centres
- Short RJ45 connector (11.6 x 26.7 mm) with latch protection
- High-quality copper conductor (CU) and gold-plated contacts guarantee an excellent, powerful network connection
- Bend protection and a sturdy PVC jacket (4.5 mm) effectively protect the network cable from breakage
- Network cable is suitable for Power over Ethernet (PoE)

Cable length	black	white	grey
	Bulk	Bulk	Bulk
0.15 m	71547	71549	71545
0.25 m	71548	71550	71546
0.50 m	93713	93691	93750
1.00 m	93714	93692	93752
2.00 m	93715	93693	93751
3.00 m	93716	93694	93753
5.00 m	93717	93695	93754
7.50 m	93729	93696	93733
10.00 m	93730	93710	93734
15.00 m	93731	93711	93735
20.00 m		93712	93736

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

**External dimensions
only 1.5 x 6 mm**

Material cable sheath	PVC
height of cable sheath	1.5 mm
width of cable sheath	6 mm
max. bandwidth	500 MHz
Cable type	flat cable
Inner conductor material	CU (copper)
AWG	32/7 (stranded)
Shielding class	U/UTP
Connection, type	RJ45 male (8P8C)
Latch protection	no

Goobay

CAT 6A Flat Patch Cable U/UTP

copper conductor (CU)

- Prewired, unshielded LAN cable with 2x RJ45 plugs for connecting network components
- Extremely flat Ethernet cable with low bending radius and high flexibility, ideal for space-saving installation under floors or skirting boards
- Network flat cable with external dimensions of approx. 1.5 x 6.0 mm
- Short RJ45 connector without latch protection
- High-quality copper conductor (CU) and gold-plated contacts guarantee an excellent, powerful network connection
- Bend protection and a sturdy PVC jacket effectively protect the network cable from breakage
- Network connector: pair sequence according to EIA/TIA 568B

Cable length	black	white	blue	orange	dark brown	yellow	green	magenta	red	violet
	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk
0.50 m	96301	96303	96295	96299	96304	96296	96297	96298	96300	96302
1.00 m	96312	96314	96306	96310	96315	96307	96308	96309	96311	96313
2.00 m	96323	96325	96317	96321	96326	96318	96319	96320	96322	96324
3.00 m	96334	96336	96328		96337	96329	96330	96331	96333	
5.00 m	96345	96347	96339				96341		96344	
7.00 m	96356	96358								
10.00 m	96367	96369								
15.00 m	96378	96380								
20.00 m	96389	96391								

CAT **5**e

CAT **6**
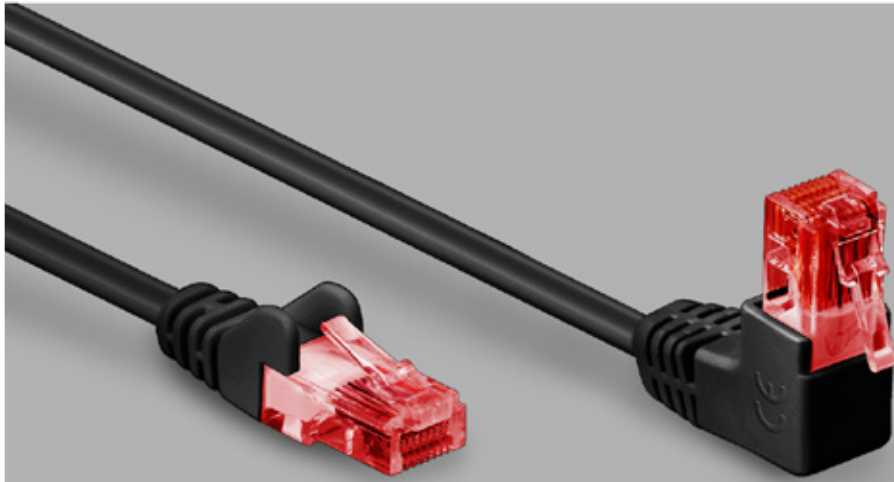
CAT **6**A
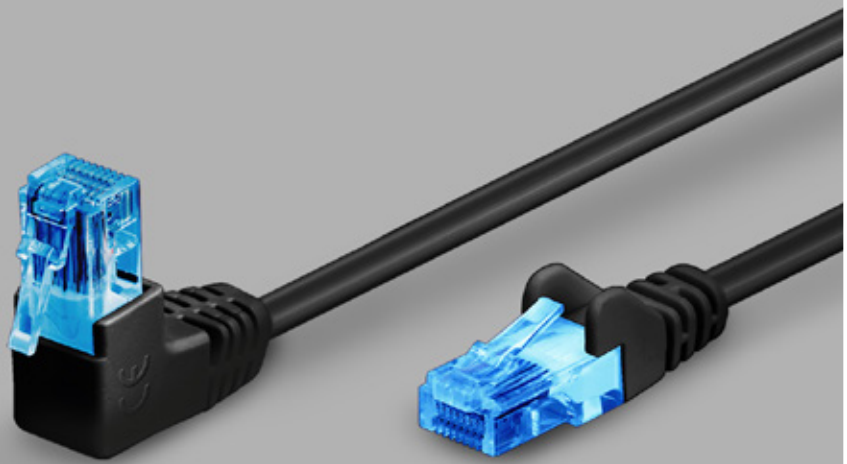
SPACE SAVING
ANGLED PLUGS

1 X 90° ANGLED OR 2 X 90° ANGLED

SHIELDED OR UNSHIELDED

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.4 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	F/UTP
Number of shieldings	1
Type 1, shielding	foil (aluminium)
Connection, type	RJ45 male 90° (8P8C)
Connection 2, type	RJ45 male (8P8C)
Connection, shielding	yes
Latch protection	unilaterally

Goobay

CAT 5e Patch Cable 1x 90° Angled, F/UTP

copper-clad aluminium wire (CCA), 1x RJ45 male 90° (8P8C)

- Prewired, shielded CAT 5e LAN cable with 2x RJ45 plugs for connecting network components
- Foil screen (F/UTP) prevents interference from external sources (cross-talk) and provides ideal signal distribution with minimal losses
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the straight RJ45 plug prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- The CAT 5e network cable with a 90° right angle RJ45 connector is an ideal solution in confined spaces.
- Network connector: pair sequence according to EIA/TIA 568B, cable construction: twisted pair cable
- Cable length indicated on the overmoulded slimline strain relief of the straight connector

Cable length	black	white
	Bulk	Bulk
0.25 m	94185	94176
0.50 m	94186	94177
1.00 m	94187	94178
2.00 m	94188	94179
3.00 m	94189	94180
5.00 m	94190	94182
10.00 m	94191	94183

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.4 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	F/UTP
Number of shieldings	1
Type 1, shielding	foil (aluminium)
Connection, type	RJ45 male 90° (8P8C)
Connection, shielding	yes
Latch protection	no

Goobay

CAT 5e Patch Cable 2x 90° Angled, F/UTP

copper-clad aluminium wire (CCA), 2x RJ45 male 90° (8P8C)

- Prewired, shielded CAT 5e LAN cable with 2x RJ45 plugs for connecting network components
- Foil screen (F/UTP) prevents interference from external sources (cross-talk) and provides ideal signal distribution with minimal losses
- The CAT 5e network cable with 90° right angle RJ45 connectors (without latch protection) is an ideal solution in confined spaces.
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Patch cable with overmoulded slimline bend protection
- Network connector: pair sequence according to EIA/TIA 568B
- Cable construction: twisted pair cable

Cable length	black	white
	Bulk	Bulk
0.25 m	96076	96060
0.50 m	96077	96061
1.00 m	96078	96062
2.00 m	96079	96063
3.00 m	96080	96064
5.00 m	96081	96065

Material cable sheath	PVC
Cable sheath diameter (approx.)	4,9 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	U/UTP
Connection, type	RJ45 male 90° (8P8C)
Connection 2, type	RJ45 male (8P8C)
Connection, shielding	no
Latch protection	unilaterally

Goobay

CAT 5e Patch Cable 1x 90° Angled, U/UTP

copper-clad aluminium wire (CCA), latch on top

- Prewired, unshielded LAN cable with 2x RJ45 plugs for connecting network components
- The 90° right angle RJ45 connector is an ideal solution for confined spaces.
- Latch protection on the straight RJ45 plug prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Bend protection and a sturdy PVC jacket effectively protect the network cable from breakage
- Length of the Ethernet cable indicated on the overmoulded slimline strain relief on the straight connector
- CAT 5e internet cable is suitable for Gigabit Ethernet with speeds of up to 10/100/1000 Mbit/s

Cable length	black	white
	Bulk	Bulk
0.25 m	94169	94161
0.50 m	94170	94162
1.00 m	94171	94163
2.00 m	94172	94164
3.00 m	94173	94165
5.00 m	94174	94166
10.00 m	94175	94167
15.00 m	94193	94168

Material cable sheath	PVC
Cable sheath diameter (approx.)	4.9 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	U/UTP
Connection, type	RJ45 male 90° (8P8C)
Connection, shielding	no
Latch protection	no

Goobay

CAT 5e Patch Cable 2x 90° Angled, U/UTP

copper-clad aluminium wire (CCA), 2x RJ45 male 90° (8P8C)

- Prewired, unshielded LAN cable with 2x RJ45 plugs for connecting network components
- 2x 90° right angle RJ45 plugs offer an ideal solution in confined spaces
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Bend protection and a sturdy PVC jacket effectively protect the network cable from breakage
- Ethernet cable without latch protection
- Network connector: pair sequence according to EIA/TIA 568B
- CAT 5e internet cable is suitable for Gigabit Ethernet with speeds of up to 10/100/1000 Mbit/s

Cable length	black	white
	Bulk	Bulk
0.25 m	96084	96068
0.50 m	96085	96069
1.00 m	96086	96070
2.00 m	96087	96071
3.00 m	96088	96072
5.00 m	96089	96073
10.00 m	96090	96074

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

max. bandwidth	250 MHz
Specification	CAT 6
Cable type	round cable
Inner conductor material	CU (copper)
AWG	28/7 (stranded)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium) overall shield
Material cable sheath	LSZH
Cable sheath diameter (approx.)	6 mm
LSZH-konform	yes
Kink protection	both sides
Connection, type	RJ45 male 90° (8P8C)
Connection, shielding	yes
Connection 2, type	RJ45 male (8P8C)
Connection, contact material	gold-plated 1µ
Latch protection	unilaterally
Contacting	EIA/TIA-568B

Goobay

CAT 6 Patch Cable 1x 90° Angled, S/FTP (PiMF)
copper conductor (CU), halogen-free cable sheath (LSZH), latch on top

- Prewired, double shielded LAN cable with 2x RJ45 plugs for connecting network components
- The 90° right angle RJ45 connector is an ideal solution for confined spaces.
- Latch protection on the straight RJ45 plug prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper conductor (CU) and 1µ gold-plated contacts guarantee an excellent, powerful network connection
- Bend protection and a sturdy PVC jacket effectively protect the Ethernet cable from breakage
- CAT 6 internet cable is suitable for Power over Ethernet (PoE, PoE+) and 10 Gigabit Ethernet 10BASE-T, 100BASE-TX, 1000BASE-T, 10/100/1000/10000 Mbit/s

Cable length	black	white
	Bulk	Bulk
0.25 m	51541	51548
0.50 m	51542	51549
1.00 m	51543	51550
2.00 m	51544	51551
3.00 m	51545	51552
5.00 m	51546	51553
10.00 m	51547	51554

max. bandwidth	250 MHz
Specification	CAT 6
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	25/7 (stranded)
Shielding class	U/UTP
Material cable sheath	PVC
Cable sheath diameter (approx.)	5.9 mm
Kink protection	both sides
Connection, type	RJ45 male 90° (8P8C)
Connection, shielding	no
Connection 2, type	RJ45 male (8P8C)
Connection, contact material	gold-plated
Latch protection	unilaterally
Contacting	EIA/TIA-568B

Goobay

CAT 6 Patch Cable 1x 90° Angled, U/UTP
copper-clad aluminium wire (CCA), latch on top

- Prewired, unshielded LAN cable with 2x RJ45 plugs for connecting network components
- 1x 90° RJ45 angle plug is an ideal solution in confined spaces
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the straight RJ45 plug prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Bend protection and a sturdy PVC jacket effectively protect the Ethernet cable from breakage
- CAT 6 cable is suitable for 10 Gigabit Ethernet with speeds of up to 10/100/1000/10000 Mbit/s
- Network cable is suitable for Power over Ethernet (PoE, PoE+)

Cable length	black	white
	Bulk	Bulk
0.25 m	51513	51520
0.50 m	51514	51521
1.00 m	51515	51522
2.00 m	51516	51523
3.00 m	51517	51524
5.00 m	51518	51525
10.00 m	51519	51526

Specification	CAT 6A
max. bandwidth	500 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	27/7 (stranded)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium) overall shield
Material cable sheath	LSZH
Cable sheath diameter (approx.)	6 mm
Kink protection	both sides
Connection, type	RJ45 male 90° (8P8C)
Connection, shielding	yes
Connection 2, type	RJ45 male (8P8C)
Connection, contact material	gold-plated 3µ
Latch protection	unilaterally
Contacting	EIA/TIA-568B

Goobay

CAT 6A Patch Cable 1x 90° Angled, S/FTP (PiMF)

copper conductor (CU), halogen-free cable sheath (LSZH), latch on top

- Double shielded LAN cable with 1x 90° RJ45 right angle plug is an ideal solution for confined spaces
- CAT 6A internet cable suitable for 10 Gigabit Ethernet 10BASE-T, 100BASE-TX, 1000BASE-T, 10/100/1000/10000 Mbit/s
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper conductor (CU) and gold-plated contacts guarantee an excellent, powerful network connection
- Bend protection and a sturdy PVC jacket effectively protect the network cable from breakage
- Latch protection on the straight RJ45 plug prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Ethernet cable is suitable for Power over Ethernet (PoE, PoE+)

Cable length	black	white
	Bulk	Bulk
0.25 m	51555	51562
0.50 m	51556	51563
1.00 m	51557	51564
2.00 m	51558	51565
3.00 m	51559	51566
5.00 m	51560	51567
10.00 m	51561	51568

Specification	CAT 6A
max. bandwidth	500 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	24/7 (stranded)
Shielding class	U/UTP
Material cable sheath	PVC
Cable sheath diameter (approx.)	5.9 mm
LSZH compliant	yes
Kink protection	both sides
Connection, type	RJ45 male 90° (8P8C)
Connection 2, type	RJ45 male (8P8C)
Connection, contact material	gold-plated
Latch protection	unilaterally
Contacting	EIA/TIA-568B

Goobay

CAT 6A Patch Cable 1x 90° Angled, U/UTP

copper-clad aluminium wire (CCA), latch on top

- Prewired, unshielded LAN cable with 2x RJ45 plugs for connecting network components
- The 90° right angle RJ45 connector is an ideal solution for confined spaces.
- Latch protection on the straight RJ45 plug prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Bend protection and a sturdy PVC jacket effectively protect the network cable from breakage
- Length of the Ethernet cable indicated on the overmoulded slimline strain relief on the straight connector
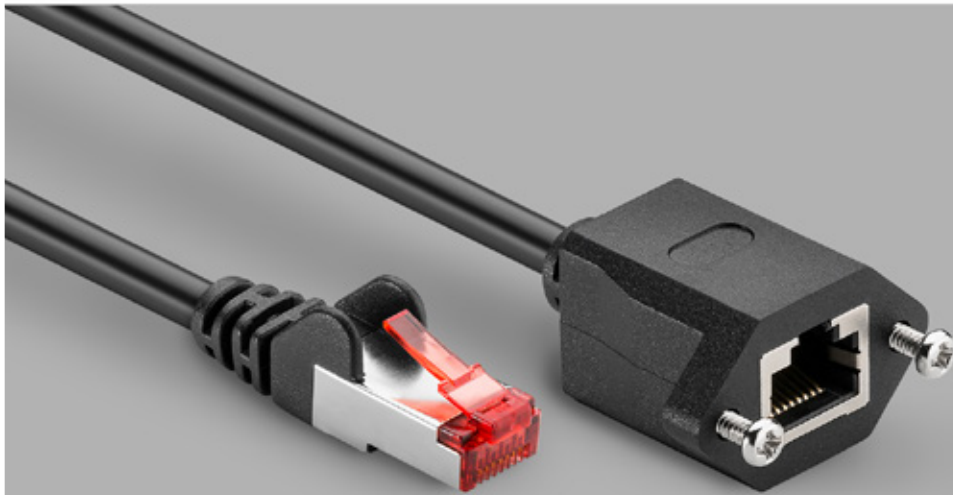- CAT 6A internet cable is suitable for Power over Ethernet (PoE, PoE+)

Cable length	black	white
	Bulk	Bulk
0.25 m	51527	51534
0.50 m	51528	51535
1.00 m	51529	51536
2.00 m	51530	51537
3.00 m	51531	51538
5.00 m	51532	51539
10.00 m	51533	51540

CAT **5e**
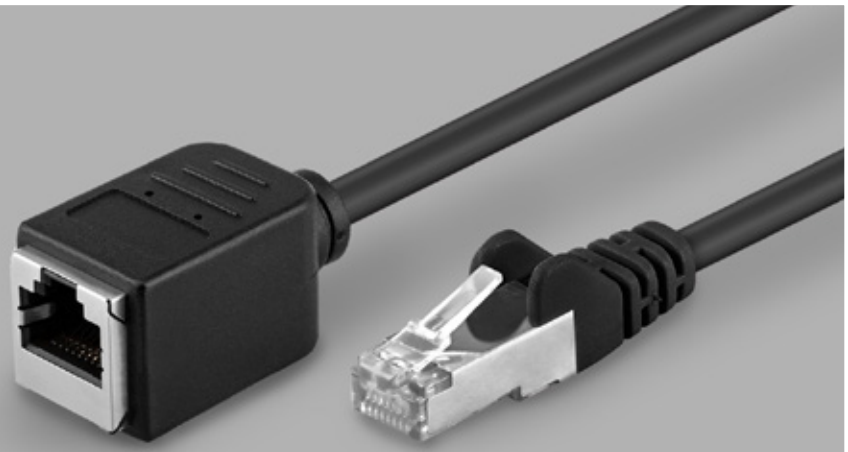
CAT **6**
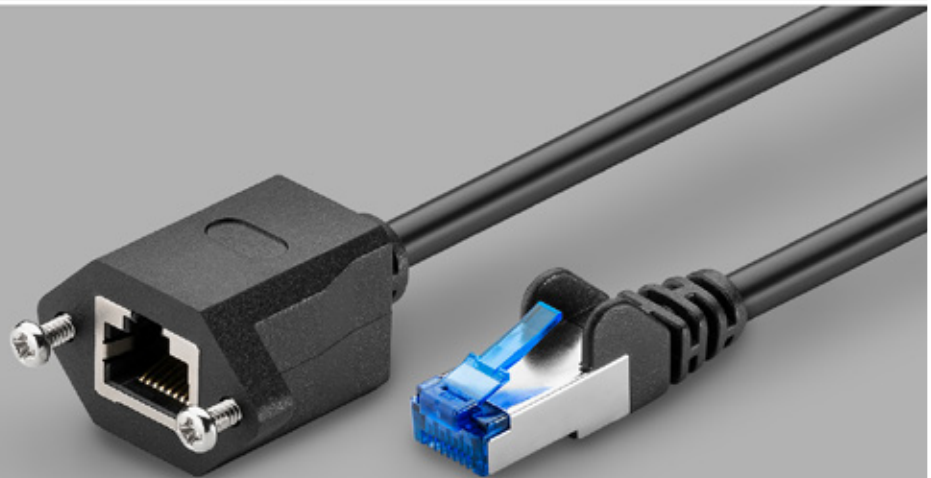
CAT **6A**

EXTENSIBLE
CABLE EXTENSIONS

FOR EASY EXTENSION OF CABLES
OR FOR RELOCATING HARD
TO REACH CONNECTORS

AVAILABLE AS CAT 5E, CAT 6 AND 6A

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.9 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	26/7 (stranded)
Shielding class	F/UTP
Number of shieldings	1
Type 1, shielding	foil (aluminium)
Connection, type	RJ45 male (8P8C)
Connection 2, type	RJ45-Buchse (8P8C)
Connection, shielding	yes
Latch protection	unilaterally

Goobay

CAT 5e Extension Cable F/UTP, black

copper conductor (CU), RJ45 male (8P8C) > RJ45 female (8P8C)

- Prewired, shielded LAN cable extension with RJ45 plugs for connecting network components
- Foil screen (F/UTP) prevents interference from external sources (crosstalk) and provides ideal signal distribution with minimal losses
- High-quality copper conductor (CU) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the RJ45 connector prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Bend protection and a sturdy PVC jacket effectively protect the network cable from breakage
- Length of the extension cable indicated on the overmoulded slimline strain relief
- Network connector: pair sequence according to EIA/TIA 568B, pinout: 1:1

Cable length	Bulk
0.50 m	73386
1.00 m	91886
1.50 m	73387
2.00 m	73388
3.00 m	91883
5.00 m	91884
10.00 m	91885
15.00 m	73390

Material cable sheath	PVC
Cable sheath diameter (approx.)	6 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	26/7 (stranded)
Shielding class	F/UTP
Number of shieldings	1
Type 1, shielding	foil (aluminium)
Connection, type	RJ45 male (8P8C)
Anschluss 2, Typ	RJ45-Buchse (8P8C)
Connection, shielding	yes
Latch protection	unilaterally

Goobay

CAT 6 Extension Cable, F/UTP

Copper conductor, with mounting flange

- Prewired, shielded LAN extension cable with RJ45 plugs for connecting network components
- Mounting flange with 25 mm hole spacing for fastening e. g. to a slot bracket, cable duct or enclosure with corresponding cut-out
- Foil screen (F/UTP) prevents interference from external sources (cross-talk) and provides ideal signal distribution with minimal losses
- High-quality copper-clad aluminium wire (CU) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the RJ45 connector prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Bend protection and a sturdy PVC jacket effectively protect the extension cable from breakage
- Network connector: pair sequence according to EIA/TIA 568B, pinout: 1:1

Cable length	black	white
	Bulk	Bulk
0.50 m	77554	77555
1.00 m	77556	
2.00 m	77560	
3.00 m	77562	

Material cable sheath	LSZH
Cable sheath diameter (approx.)	6.2 mm
max. bandwidth	500 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	26/7 (stranded)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium) overall shield
Connection, type	RJ45 male (8P8C)
Connection, shielding	yes
Latch protection	unilaterally

Goobay

CAT 6A Extension Cable, S/FTP (PiMF)

copper conductor (CU), halogen-free cable sheath (LSZH), with mounting flange

- Double shielded LAN cable extension with RJ45 plugs for connecting network components
- Mounting flange with 25 mm hole spacing for fastening e. g. to a slot bracket, cable duct or enclosure with corresponding cut-out
- CAT 6A internet cable suitable for 10 Gigabit Ethernet 10BASE-T, 100BASE-TX, 1000BASE-T, 10/100/1000/10000 Mbit/s
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper conductor (CU) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the RJ45 connector prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- Network connector: pair sequence according to EIA/TIA 568B, pinout: 1:1

Cable length	black	white
	Bulk	Bulk
0.50 m	77572	77573
1.00 m	77574	
1.50 m	77576	
2.00 m	77578	
3.00 m	77580	

ROBUST, WEATHERPROOF & STRONG AGAINST UV
OUTDOOR CABLES

AVAILABLE AS CAT 5E AND CAT 6

SHIELDED OR UNSHIELDED

AS PATCH CABLE OR INSTALLATION CABLE

OPTIMAL FOR GARDEN, TERRACES, BUILDING FACADES, CAMPING

Outdoor Network Cables
Robust, weatherproof & strong against UV

If you want to set up a network outside your home, you will find the right cable for different purposes in our outdoor network range. The most common purposes are SOHO applications (small office, home office), connecting surveillance cameras, installation on building facades and connecting devices with RJ45 connection, such as game consoles, HDTV and printers, in the garden shed or when camping. The cable sheaths are **resistant to weathering and UV radiation.**

For self-installation, we have both **unassembled outdoor network cables** in different specifications, shielding classes and materials as well as two **CAT 6 outdoor network cable sets** in two lengths each. The cables sold on reels can be extended and connected by using dustproof and waterproof **outdoor LAN cable connectors** - with no need for special tools, STP shielded or UTP unshielded as required.

Pre-assembled CAT 6 outdoor network cables are available from a length of 10 metres. The patch cables can be quickly and easily extended and connected by using an outdoor RJ45 modular coupling via Plug & Play.

Material cable sheath	PE
Cable sheath diameter (approx.)	6,6 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	24/1 (solid)
Shielding class	U/UTP
Connection, type	RJ45 male (8P8C)
Latch protection	both sides

Goobay

CAT 6 Outdoor Patch Cable, U/UTP, black

copper conductor (CU), double-layer cable jacket (PE)

- Prewired, unshielded LAN cable with RJ45 plugs for connecting network components
- Double-layer polyethylene jacket protects the network cable outdoors and makes it extremely weather-resistant
- The outdoor Ethernet cable is ideal for the garden, balcony, camping, building facades and surveillance cameras.
- High-quality copper conductor (CU) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the RJ45 connector prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- CAT 6 outdoor cable is suitable for Gigabit Ethernet with speeds of up to 10/100/1000 Mbit/s
- Network connector: pair sequence according to EIA/TIA 568B

Cable length	Bulk
10.00 m	55432
15.00 m	55433
20.00 m	55434
30.00 m	55435
40.00 m	55436
50.00 m	55437
60.00 m	55438
75.00 m	55439

Material cable sheath	PE
Cable sheath diameter (approx.)	6.2 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	24/1 (solid)
Shielding class	U/UTP
Connection, type	RJ45 male (8P8C)
Latch protection	both sides
Contacting	EIA/TIA-568B

Goobay

CAT 6 Outdoor Patch Cable, U/UTP, black

copper-clad aluminium wire (CCA), double-layer cable jacket (PE)

- Prewired, unshielded LAN cable with RJ45 plugs for connecting network components
- Double-layer polyethylene jacket protects the network cable outdoors and makes it extremely weather-resistant
- The outdoor Ethernet cable is ideal for the garden, balcony, camping, building facades and surveillance cameras.
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the RJ45 connector prevents the latch from snagging or breaking off, helping to provide a reliable internet connection
- CAT 6 outdoor cable is suitable for Gigabit Ethernet with speeds of up to 10/100/1000 Mbit/s
- Network connector: pair sequence according to EIA/TIA 568B

Cable length	Bulk
10.00 m	94389
15.00 m	94391
20.00 m	94392
30.00 m	94393
40.00 m	94394
50.00 m	94395
60.00 m	94396
75.00 m	94397

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Goobay

CAT 6 / CAT 6A Outdoor RJ45 Patch Cable Coupler (IP68)

dustproof and waterproof, 2x RJ45 female (8P8C)

- Shielded cable connection (STP) for extending or linking 2x LAN cables with RJ45 plugs
- Cable connector for outdoor and industrial applications offers protection against dirt and moisture (protection class IP68)
- Connector module to extend Ethernet cables without re-routing an entire cable segment
- Very slim connection module with waterproof cable gland
- Data transmissions from 250 to 500 MHz guarantee an excellent network connection
- Suitable for terminated patch cables with a cable diameter of 4.0 - 8.0 mm
- Supports PoE+ applications (IEEE 802.3at)

CAT 6a

CAT 6

CAT 6	CAT 6A
79566 Bulk	59582 Bulk

DUST & WATERPROOF
MODULAR COUPLERS

FOR CONNECTING OR COUPLING

FOR RJ45 CONNECTORS

CAT 6 OR CAT 6A

SHIELDED OR UNSHIELDED

CAT **6**

CAT **6A**

Outdoor network cable (unassembled)									
Specification		CAT 7	CAT 6				CAT 5e		
Shielding class		S/FTP (PiMF)	S/FTP (PiMF)		U/UTP		SF/UTP	F/UTP	U/UTP
Length	Material	Copper (CU)	Copper (CU)	Copper-clad aluminium (CCA)	Copper (CU)	Copper-clad aluminium (CCA)	Copper-clad aluminium (CCA)		
100 m	AWG 26/7			57195				57295	57196
100 m	AWG 24/7					57199			
100 m	AWG 24/1		77624		77625		57296	57294	57198
50 m	AWG 23/1	53867							
100 m	AWG 23/1	52768		57197		57293			
305 m	AWG 23/1	52769							

Goobay

CAT 5e Network Cable, SF/UTP, black

Copper-clad aluminium wire (CCA), AWG 24/1 (solid), polyethylene cable sheath (PE)

- Flexible twisted pair LAN cable for indoor and outdoor installation is ideal for building facades and surveillance cameras
- Polyethylene outer sheath (PE) protects the network cable outdoors and makes it extremely weather-resistant
- A foil and a braid screen (SF/UTP) prevent interference from external sources and provide ideal signal distribution with minimal losses.
- Unterminated patch cable for assembly and installation with IDC connection technology
- High-quality copper-clad aluminium wire (CCA) and double shield guarantee an excellent and powerful network connection
- The Ethernet cable is suitable for the small office and working from home (SOHO and WFH applications), allowing a max. transmission length of 40 m
- The internet cable is not approved for permanent installation in buildings.

Material cable sheath	PE
Cable sheath diameter (approx.)	5.7 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	24/1 (solid)
Shielding class	SF/UTP
Number of shieldings	2
Type 1, shielding	foil (aluminium)
Type 2, shielding	braid (aluminium)

100.00 m	57296	Cable Reel

Goobay

CAT 5e Outdoor Network Cable, F/UTP, black

Copper-clad aluminium wire (CCA), AWG 24/1 (solid), polyethylene cable sheath (PE)

- Shielded twisted pair LAN cable for outdoor assembly with a maximum transmission length of 40 m
- Polyethylene outer sheath (PE) protects the network cable outdoors and makes it extremely weather-resistant
- The outdoor Ethernet cable is ideal for use on building facades and surveillance cameras.
- Unterminated patch cable for assembly and installation with IDC connection technology. No approval for permanent installation in buildings
- High-quality copper-clad aluminium wire (CCA) guarantees an excellent and powerful network connection
- Perfects for SOHO applications (Small Office, Home Office) up to a max. transmission length of 40 m

Material cable sheath	PE
Cable sheath diameter (approx.)	5.7 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	24/1 (solid)
Shielding class	F/UTP
Number of shieldings	1
Type 1, shielding	foil (aluminium)

100.00 m	57294	Cable Reel

Goobay

CAT 5e Outdoor Network Cable, F/UTP, black

Copper-clad aluminium wire (CCA), AWG 26/7 (stranded),
polyethylene cable sheath (PE)

- Shielded twisted pair LAN cable for outdoor assembly with a maximum transmission length of 40 m
- Polyethylene outer sheath (PE) protects the network cable outdoors and makes it extremely weather-resistant
- The outdoor Ethernet cable is ideal for use on building facades and surveillance cameras.
- Unterminated patch cable for assembly and installation with IDC connection technology. No approval for permanent installation in buildings
- High-quality copper-clad aluminium wire (CCA) guarantees an excellent and powerful network connection
- Perfects for SOHO applications (Small Office, Home Office) up to a max. transmission length of 40 m

Material cable sheath	PE
Cable sheath diameter (approx.)	5.6 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	F/UTP
Number of shieldings	1
Type 1, shielding	foil (aluminium)

100.00 m   57295   Cable Reel

Goobay

CAT 5e Outdoor Network Cable, U/UTP, black

Copper-clad aluminium wire (CCA), AWG 26/7 (stranded),
polyethylene cable sheath (PE)

- Unshielded twisted pair LAN cable for outdoor assembly with a maximum transmission length of 40 m
- Polyethylene outer sheath (PE) protects the network cable outdoors and makes it extremely weather-resistant
- The outdoor Ethernet cable is ideal for use on building facades and surveillance cameras.
- Unterminated patch cable for assembly and installation with IDC connection technology. No approval for permanent installation in buildings
- High-quality copper-clad aluminium wire (CCA) guarantees an excellent and powerful network connection

Material cable sheath	PE
Cable sheath diameter (approx.)	5 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	U/UTP

100.00 m   57196   Cable Reel

Goobay

CAT 5e Outdoor Network Cable, U/UTP, black

Copper-clad aluminium wire (CCA), AWG 24/1 (solid),
polyethylene cable sheath (PE)

- Unshielded twisted pair LAN cable for outdoor assembly with a maximum transmission length of 40 m
- Polyethylene outer sheath (PE) protects the network cable outdoors and makes it extremely weather-resistant
- The outdoor Ethernet cable is ideal for use on building facades and surveillance cameras.
- Unterminated patch cable for assembly and installation with IDC connection technology. No approval for permanent installation in buildings
- High-quality copper-clad aluminium wire (CCA) guarantees an excellent and powerful network connection

Material cable sheath	PE
Cable sheath diameter (approx.)	5 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	24/1 (solid)
Shielding class	U/UTP

100.00 m   57198   Cable Reel

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Goobay

CAT 6 Outdoor Network Cable, S/FTP (PiMF), black, 100m

copper conductor (CU), AWG 23/1 (solid), polyethylene cable sheath (PE)

- Double shielded twisted pair LAN cable for outdoor installation
- Unterminated patch cable for assembly and installation with LSA connection technology. No approval for permanent installation in buildings.
- Flexible, unterminated data and installation cable for outdoor use
- Double-layer polyethylene (PE) jacket protects the network cable outdoors and makes it extremely weather-resistant
- The outdoor Ethernet cable is ideal for use in building facades and surveillance cameras.
- High-quality copper conductor (CU) guarantees an excellent, powerful network connection
- CAT 6A network cable is suitable for Gigabit Ethernet with speeds of up to 10/100/1000 Mbit/s, Power over Ethernet (PoE, PoE+, UPoE and 4PPoE) and HDBaseT

Material cable sheath	PE
Cable sheath diameter (approx.)	7.6 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	24/1 (solid)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium)
Meterskalierung	yes

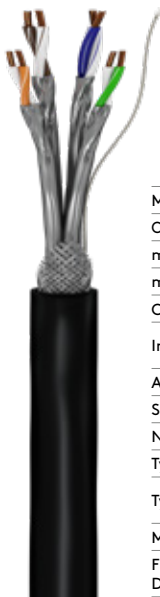|		
100.00 m	77624	Cable Reel

Goobay

CAT 6 Outdoor Network Cable, S/FTP (PiMF), black

copper-clad aluminium wire (CCA), AWG 23/1 (solid), polyethylene cable sheath (PE)

- Unterminated patch cable for installation with LSA connection technology. No approval for permanent installation in buildings.
- Flexible data and installation cable for outdoor assembly with a maximum transmission length of 40 m
- Double-layer polyethylene (PE) jacket protects the network cable outdoors and makes it extremely weather-resistant
- The outdoor Ethernet cable is ideal for use in building facades and surveillance cameras.
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper-clad aluminium wire (CCA) guarantees an excellent, powerful network connection

Material cable sheath	PE
Cable sheath diameter (approx.)	6.3 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	23/1 (solid)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium)
Fire class (CPR)	E_{ca}

100.00 m	57197	Cable Reel

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Goobay

CAT 6 Outdoor Network Cable, S/FTP (PiMF), black

copper-clad aluminium wire (CCA), AWG 26/7 (stranded), polyethylene cable sheath (PE)

- Double shielded twisted pair LAN cable for outdoor installation
- Unterminated patch cable for assembly and installation with LSA connection technology.
- Flexible, unterminated data and installation cable for indoor use with a maximum transmission length of 40 m
- Double-layer polyethylene (PE) jacket protects the network cable outdoors and makes it extremely weather-resistant
- The outdoor Ethernet cable is ideal for use in building facades and surveillance cameras.
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper-clad aluminium wire (CCA) guarantees an excellent, powerful network connection

Material cable sheath	PE
Cable sheath diameter (approx.)	6.3 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium)

100.00 m   57195   Cable Reel

Goobay

CAT 6 Network Cable, U/UTP, Black

copper-clad aluminium wire (CCA), AWG 23/1 (solid), polyethylene cable sheath (PE)

- Unshielded twisted pair LAN cable for outdoor installation
- Unterminated patch cable for assembly and installation with LSA connection technology. No approval for permanent installation in buildings.
- Flexible, unterminated data and installation cable for outdoor use with a maximum transmission length of 50 m
- Double-layer polyethylene (PE) jacket protects the network cable outdoors and makes it extremely weather-resistant
- The outdoor Ethernet cable is ideal for use in building facades and surveillance cameras.
- High-quality copper-clad aluminium wire (CCA) guarantees an excellent, powerful network connection

Material cable sheath	PE
Cable sheath diameter (approx.)	5.8 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	23/1 (solid)
Shielding class	U/UTP

100.00 m   57293   Cable Reel

Goobay

CAT 6 Outdoor Network Cable, U/UTP, black

copper conductor (CU), AWG 23/1 (solid), polyethylene cable sheath (PE)

- Unshielded twisted pair LAN cable for outdoor installation
- Unterminated patch cable for assembly and installation with LSA connection technology. No approval for permanent installation in buildings.
- Flexible, unterminated data and installation cable for outdoor use
- Double-layer polyethylene (PE) jacket protects the network cable outdoors and makes it extremely weather-resistant
- The outdoor Ethernet cable is ideal for use in building facades and surveillance cameras.
- High-quality copper conductor (CU) guarantees an excellent, powerful network connection
- CAT 6 network cable is suitable for Gigabit Ethernet with speeds of up to 10/100/1000 Mbit/s, Power over Ethernet (PoE, PoE+, UPoE and 4PPoE) and HDBaseT

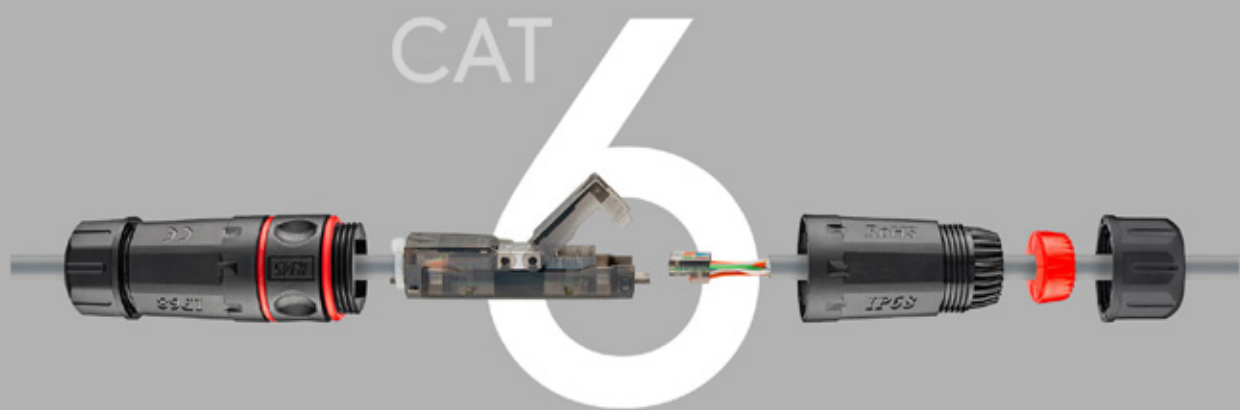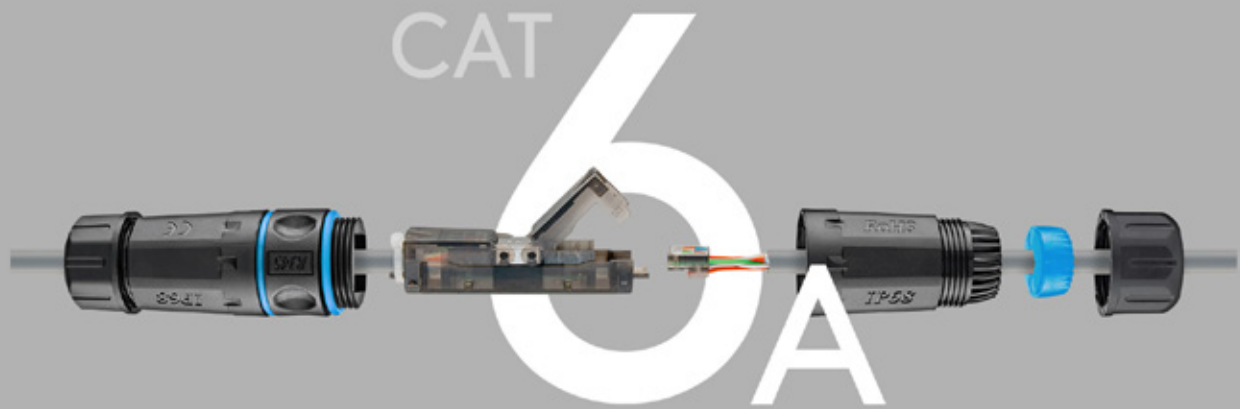|	
Material cable sheath	PE
Cable sheath diameter (approx.)	6.2 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	24/1 (solid)
Shielding class	U/UTP
Fire class (CPR)	F_{ca}

100.00 m   77625   Cable Reel

Goobay

CAT 6 Outdoor Network Cable, U/UTP, black

copper-clad aluminium wire (CCA), AWG 24/7 (stranded),
polyethylene cable sheath (PE)

- Unshielded twisted pair LAN cable for outdoor installation
- Unterminated patch cable for assembly and installation with LSA connection technology. No approval for permanent installation in buildings.
- Flexible, unterminated data and installation cable for outdoor use with a maximum transmission length of 40 m
- Double-layer polyethylene (PE) jacket protects the network cable outdoors and makes it extremely weather-resistant
- The outdoor Ethernet cable is ideal for use in building facades and surveillance cameras.
- High-quality copper-clad aluminium wire (CCA) guarantees an excellent, powerful network connection

Material cable sheath	PE
Cable sheath diameter (approx.)	5.8 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	24/7 (stranded)
Shielding class	U/UTP

100.00 m	57199	Cable Reel

Goobay

CAT 7 Outdoor Network Cable, S/FTP (PiMF), black

Oxygen-free copper conductor (OFC), AWG 23/1 (solid),
polyethylene cable sheath (PE)

- Flexible data and installation cable for outdoor assembly
- Polyethylene outer sheath (PE) protects the network cable outdoors and makes it extremely weather-resistant
- The outdoor Ethernet cable is ideal for use on building facades and surveillance cameras.
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- Unterminated patch cable for assembly and installation with IDC connection technology
- CAT 7 internet cable is suitable for 10 Gigabit Ethernet (10BASE-T/100BASE-TX/1000BASE-T), (10/100/1000/10000 Mbit/s), Power over Ethernet (PoE, PoE+, UPoE and 4PPoE) and HDBaseT
- High-quality copper conductor (CU) and double shield guarantee an excellent and powerful network connection

Material cable sheath	PE
Cable sheath diameter (approx.)	7.7 mm
max. bandwidth	600 MHz
max. Übertragungsrate	10 Gbit/s
Cable type	round cable
Inner conductor material	OFC (99,9% sauer-stofffreies Kupfer)
AWG	23/1 (solid)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (copper) overall shield Gesamtschirm
Meterskalierung	yes
Fire class (CPR) according to DIN EN 13501-6	F_{ca}

53867
52768   52769

50.00 m	53867	Cable Reel
100.00 m	52768	Cable Reel
305.00 m	52769	Cable Reel

Goobay

CAT 6 Outdoor Network Cable Set, U/UTP, black

Copper conductor (CU), AWG 24/1 (solid), polyethylene cable sheath (PE)

- Internet cable set comprising 1x CAT 6 LAN cable, 1x crimping tool, 100x coloured cable ties and 100x RJ45 plugs
- Unshielded twisted pair LAN cable for outdoor assembly with a maximum transmission length of 50 m
- Double polyethylene outer sheath (PE) protects the network cable outdoors and makes it extremely weather-resistant
- The Ethernet cable is ideal for use on building facades and surveillance cameras.
- Unterminated patch cable for assembly and installation with IDC connection technology. No approval for permanent installation in buildings
- High-quality copper conductor (CU) guarantees an excellent and powerful network connection
- CAT 6 outdoor cable is suitable for Gigabit Ethernet 10/100/1000 Mbit/s

Material cable sheath	PE
Cable sheath diameter (approx.)	6.6 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	24/1 (solid)
Shielding class	U/UTP

100.00 m	55440	Bulk
305.00 m	55441	Bulk

Goobay

CAT 6 Outdoor Network Cable Set, U/UTP, black

copper-clad aluminium wire (CCA), AWG 24/1 (solid), polyethylene cable sheath (PE)

- Network cable set consisting of 1x CAT 6 LAN cable reel, 1x crimping tool, 100x cable ties and 100x RJ45 plugs
- Unshielded twisted pair LAN cable for outdoor installation, e. g. for building facades and surveillance cameras
- Double-layer polyethylene (PE) jacket protects the Ethernet cable outdoors and makes it extremely weather-resistant
- High-quality copper-clad aluminium wire (CCA) and RJ45 plug with gold-plated contacts guarantee an excellent, powerful network connection
- The CAT 6 network cable is suitable for Gigabit Ethernet with speeds of up to 10/100/1000 Mbit/s, Power over Ethernet (PoE, PoE+, UPoE and 4PPoE) and HDBaseT

Material cable sheath	PE
Cable sheath diameter (approx.)	6.8 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	24/1 (solid)
Shielding class	U/UTP

100.00 m	94398	Bulk
305.00 m	94399	Bulk

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

DUST & WATERPROOF
CONNECTORS

EQUIPPED FOR IDC* MOUNTING

CAT 6 OR CAT 6A

SHIELDED OR UNSHIELDED

*INSULATION DISPLACEMENT CONNECTOR

Goobay

Outdoor (IP68) LAN Cable Connector, CAT 6 / CAT 6A Shielded

dust and waterproof, for IDC connectors (toolless)

- Shielded cable connection (STP) for extending or linking 2x LAN installation cables
- Field assembly cable connector for outdoor and industrial applications offers protection against dirt and moisture (protection class IP68)
- Connector module to reconnect damaged cables without re-routing an entire cable segment
- For tool-free assembly by solderless, screwless and stripping-free connection technology IDC mounting)
- Data transmissions from 250 to 500 MHz guarantee an excellent network connection
- Suitable for unterminated patch cables with AWG 22-26 (conductor diameter: solid wire 0.48 - 0.65 mm, stranded wire 7 x 0.16 mm - 7 x 0.20 mm and cable sheath diameter: 5.0 - 7.5 mm)
- Very slim connection module with shield connection and integrated strain relief

CAT 6

CAT 6a

CAT 6	CAT 6A
44417 Bulk	44414 Bulk

Goobay

Outdoor (IP68) LAN Cable Connector, CAT 6 / CAT 6A UTP Unshielded

dust and waterproof, for IDC connectors (toolless)

- Unshielded cable connection (UTP) for extending or linking 2x LAN installation cables
- Field assembly cable connector for outdoor and industrial applications offers protection against dirt and moisture (protection class IP68)
- Connector module to reconnect damaged cables without re-routing an entire cable segment
- For tool-free assembly by solderless, screwless and stripping-free connection technology IDC mounting)
- Data transmissions from 250 to 500 MHz guarantee an excellent network connection
- Suitable for unterminated patch cables with AWG 22-26 (conductor diameter: solid wire 0.48 - 0.65 mm, stranded wire 7 x 0.16 mm - 7 x 0.20 mm and cable sheath diameter: 5.0 - 7.5 mm)
- Very slim connection module with shield connection and integrated strain relief

CAT 6

CAT 6a

CAT 6	CAT 6A
44415 Bulk	44416 Bulk

UP TO 500 METRES LONG
NETWORK INSTALLATION CABLES

90 ITEMS

AVAILABLE AS CAT 5E, 6, 6A, 7, 7A, 7A+

SHIELDED AND UNSHIELDED

SOLID OR STRANDED INNER CONDUCTOR

PVC/PE OR LSZH

FROM OUTDOOR TO HALOGEN-FREE

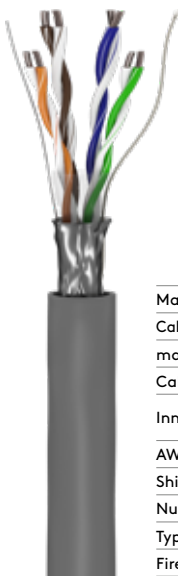LENGTHS IN METRES: 50, 100, 250, 305, 500

Goobay

CAT 5e Network Cable, SF/UTP, grey

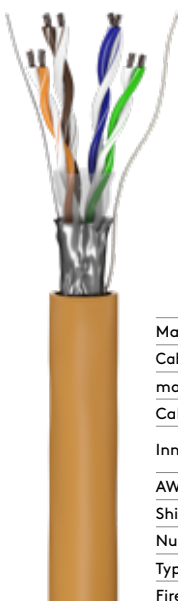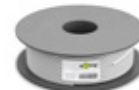Copper conductor (CU), AWG 26/7 (stranded), PVC cable sheath

- Double shielded twisted pair LAN cable for the small office and working from home (SOHO and WFH applications)
- Unterminated patch cable for assembly and installation with IDC connection technology
- Flexible data and installation cable for indoor assembly with a maximum transmission length of 60 m
- A foil and a braid screen (SF/UTP) prevent interference from external sources and provide ideal signal distribution with minimal losses.
- High-quality copper conductor (CU) and double shield guarantees an excellent and powerful network connection
- Sturdy PVC cable sheathing protects the Ethernet cable from breakage

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.7 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	26/7 (stranded)
Shielding class	SF/UTP
Number of shieldings	2
Type 1, shielding	foil (aluminium)
Type 2, shielding	braid (aluminium)
Fire class (CPR)	E_{ca}

100.00 m	15014	Cable Reel

Goobay

CAT 5e Network Cable, SF/UTP, grey

Copper-clad aluminium wire (CCA), AWG 24/1 (solid), PVC cable sheath

- Double shielded twisted pair LAN cable for the small office and working from home (SOHO and WFH applications)
- Unterminated patch cable for assembly and installation with IDC connection technology
- Flexible data and installation cable for indoor assembly with a maximum transmission length of 40 m
- A foil and a braid screen (SF/UTP) prevent interference from external sources and provide ideal signal distribution with minimal losses.
- High-quality copper-clad aluminium wire (CCA) and double shield guarantee an excellent and powerful network connection
- Sturdy PVC cable sheathing protects the Ethernet cable from breakage

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.7 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	24/1 (solid)
Shielding class	SF/UTP
Number of shieldings	2
Type 1, shielding	foil (aluminium)
Type 2, shielding	braid (aluminium)
Fire class (CPR)	E_{ca}

68709   95708

100.00 m	68709	Cable Reel
305.00 m	95708	Cable Reel

Goobay

CAT 5e Network Cable, SF/UTP, m, grey

Copper-clad aluminium wire (CCA), AWG 26/7 (stranded), PVC cable sheath

- From home (SOHO and WFH applications)
- Unterminated patch cable for assembly and installation with IDC connection technology
- Flexible data and installation cable for indoor assembly with a maximum transmission length of 40 m
- A foil and a braid screen (SF/UTP) prevent interference from external sources and provide ideal signal distribution with minimal losses.
- High-quality copper-clad aluminium wire (CCA) and double shield guarantee an excellent and powerful network connection
- Sturdy PVC cable sheathing protects the Ethernet cable from breakage

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.7 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	SF/UTP
Number of shieldings	2
Type 1, shielding	foil (aluminium)
Type 2, shielding	braid (aluminium)
Fire class (CPR)	E_{ca}

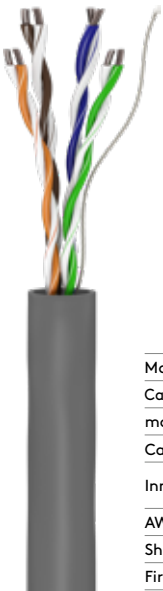|		
100.00 m	93274	Cable Reel

Goobay

CAT 5e Network Cable, F/UTP, grey

Copper conductor (CU), AWG 26/7 (stranded), PVC cable sheath

- Shielded twisted pair LAN cable for the small office and working from home (SOHO and WFH applications)
- Unterminated patch cable for assembly and installation with IDC connection technology
- Flexible data and installation cable for indoor assembly with a maximum transmission length of 60 m
- Foil screen (F/UTP) prevents interference from external sources (cross-talk) and provides an ideal signal distribution with minimal losses
- High-quality copper conductor (CU) and shielding guarantee an excellent and powerful network connection
- Sturdy PVC cable sheathing protects the Ethernet cable from breakage

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.6 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	26/7 (stranded)
Shielding class	F/UTP
Number of shieldings	1
Type 1, shielding	foil (aluminium)
Fire class (CPR)	E_{ca}

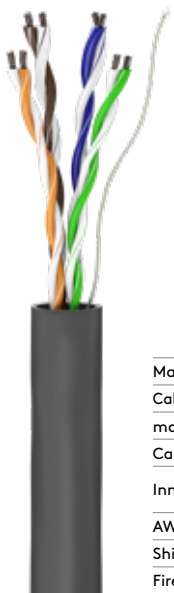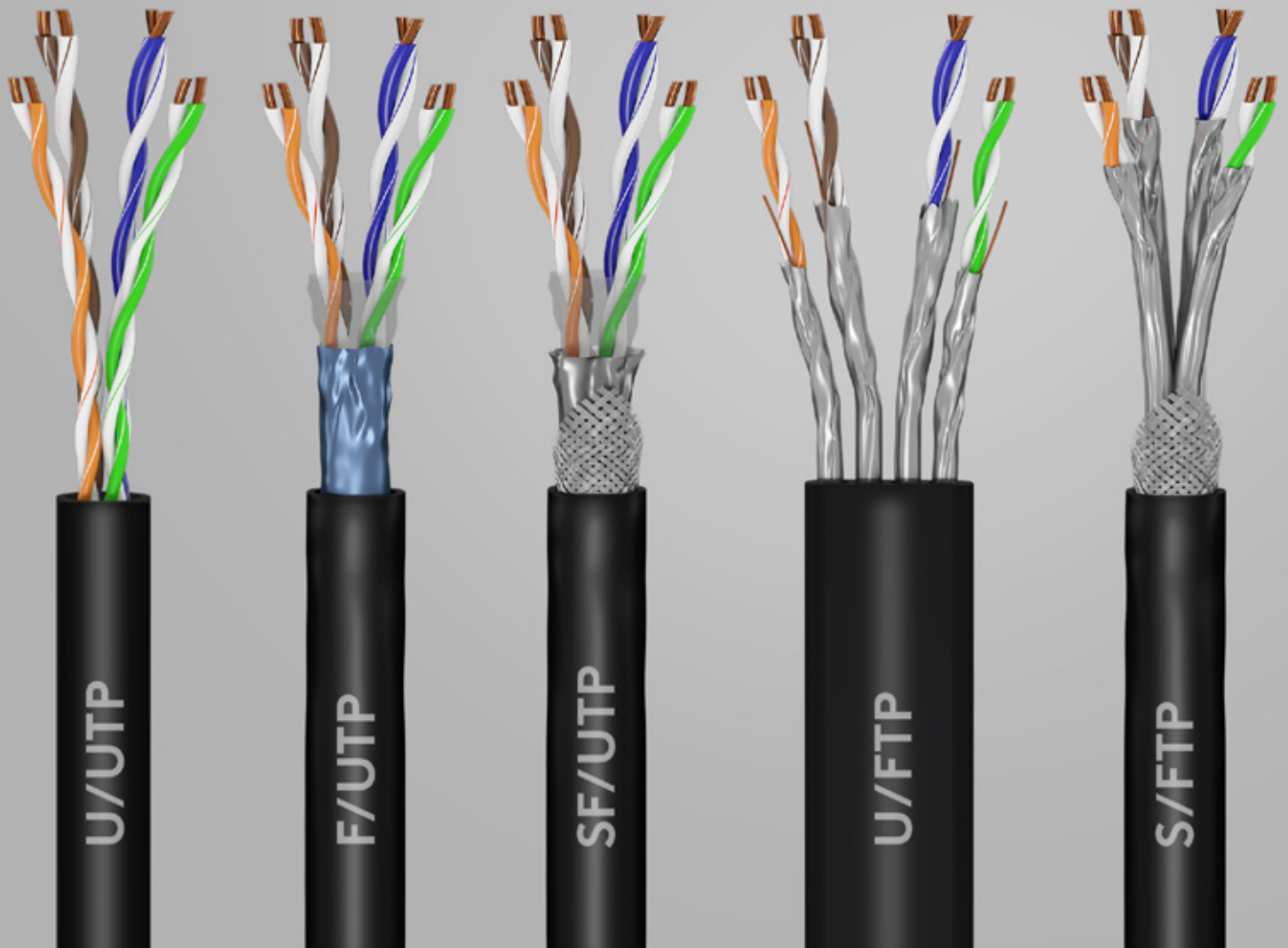|		
100.00 m	15012	Cable Reel

Goobay

CAT 5e Network Cable, F/UTP, grey

Copper-clad aluminium wire (CCA), AWG 24/1 (solid), PVC cable sheath

- Shielded twisted pair LAN cable for the small office and working from home (SOHO and WFH applications)
- Unterminated patch cable for assembly and installation with IDC connection technology
- Flexible data and installation cable for indoor assembly with a maximum transmission length of 40 m
- Foil screen (F/UTP) prevents interference from external sources (cross-talk) and provides an ideal signal distribution with minimal losses
- High-quality copper-clad aluminium wire (CCA) and shielding guarantee an excellent and powerful network connection
- Sturdy PVC cable sheathing protects the Ethernet cable from breakage

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.7 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	24/1 (solid)
Shielding class	F/UTP
Number of shieldings	1
Type 1, shielding	foil (aluminium)
Fire class (CPR)	E_{ca}

100.00 m	68708	Cable Reel
305.00 m	95707	Cable Reel

Goobay

CAT 5e Network Cable, F/UTP, 100 m

Copper-clad aluminium wire (CCA), AWG 26/7 (stranded), PVC cable sheath

- Shielded twisted pair LAN cable for the small office and working from home (SOHO and WFH applications)
- Unterminated patch cable for assembly and installation with IDC connection technology
- Flexible data and installation cable for indoor assembly with a maximum transmission length of 40 m
- Foil screen (F/UTP) prevents interference from external sources (cross-talk) and provides an ideal signal distribution with minimal losses
- High-quality copper-clad aluminium wire (CCA) guarantees an excellent and powerful network connection
- Sturdy PVC cable sheathing protects the Ethernet cable from breakage

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.6 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	F/UTP
Number of shieldings	1
Type 1, shielding	foil (aluminium)
Fire class (CPR)	E_{ca}

orange	93268	Cable Reel
blue	93265	Cable Reel
yellow	93266	Cable Reel
grey	68706	Cable Reel
green	93267	Cable Reel
red	93269	Cable Reel

Goobay

CAT 5e Network Cable, U/UTP, grey

Copper conductor (CU), AWG 26/7 (stranded), PVC cable sheath

- Unshielded twisted pair LAN cable for the small office and working from home (SOHO and WFH applications)
- Unterminated patch cable for assembly and installation with IDC connection technology
- Flexible data and installation cable for indoor assembly with a maximum transmission length of 60 m
- High-quality copper conductor (CU) guarantees an excellent and powerful network connection
- Sturdy PVC cable sheathing protects the Ethernet cable from breakage

Material cable sheath	PVC
Cable sheath diameter (approx.)	5 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	26/7 (stranded)
Shielding class	U/UTP
Fire class (CPR)	E_{ca}

100.00 m	68941	Cable Reel
305.00 m	93292	Cable Reel

68941   93292

Goobay

CAT 5e Network Cable, U/UTP, grey

Copper-clad aluminium wire (CCA), AWG 24/1 (solid), PVC cable sheath

- Unshielded twisted pair LAN cable for the small office and working from home (SOHO and WFH applications)
- Unterminated patch cable for assembly and installation with IDC connection technology
- Flexible data and installation cable for indoor assembly with a maximum transmission length of 40 m
- High-quality copper-clad aluminium wire (CCA) guarantees an excellent and powerful network connection
- Sturdy PVC cable sheathing protects the Ethernet cable from breakage

Material cable sheath	PVC
Cable sheath diameter (approx.)	5 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	24/1 (solid)
Shielding class	U/UTP
Fire class (CPR)	E_{ca}

100.00 m	68710	Cable Reel
305.00 m	95410	Cable Reel

68710   95410

Goobay

CAT 5e Network Cable, U/UTP, grey

Copper-clad aluminium wire (CCA), AWG 26/7 (stranded), PVC cable sheath

- Unshielded twisted pair LAN cable for the small office and working from home (SOHO and WFH applications)
- Unterminated patch cable for assembly and installation with IDC connection technology
- Flexible data and installation cable for indoor assembly with a maximum transmission length of 40 m
- High-quality copper-clad aluminium wire (CCA) guarantees an excellent and powerful network connection
- Sturdy PVC cable sheathing protects the Ethernet cable from breakage

Material cable sheath	PVC
Cable sheath diameter (approx.)	5 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	U/UTP
Fire class (CPR)	E_{ca}

100.00 m	68707	Cable Reel
305.00 m	95409	Cable Reel

68707   95409

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

WITHOUT INTERFERENCE
SHIELDING

FIVE DIFFERENT TYPES OF SHIELDING

PROTECT AGAINST ELECTROMAGNETIC INTERFERENCE

Goobay

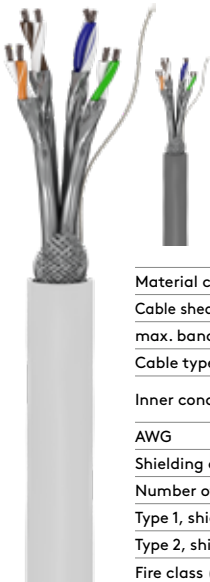### CAT 6 Network Cable, S/FTP (PiMF)

copper-clad aluminium wire (CCA), AWG 23/1 (solid),
halogen-free cable sheath (LSZH)

- Double shielded twisted pair LAN cable for the small office and working from home (SOHO and WFH applications)
- Unterminated patch cable for assembly and installation with LSA connection technology
- Flexible, unterminated data and installation cable for indoor use with a maximum transmission length of 40 m
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper-clad aluminium wire (CCA) and double shielding guarantee an excellent, powerful network connection
- Sturdy, halogen-free cable jacket effectively protects the Ethernet cable from breakage

Material cable sheath	LSZH
Cable sheath diameter (approx.)	6.3 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	23/1 (solid)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium)
Fire class (CPR)	E_{ca}

	white	grey	
100.00 m	94222	93956	Cable Reel

Goobay

CAT 6 Network Cable, S/FTP (PiMF)

copper-clad aluminium wire (CCA), AWG 23/1 (solid)

- Double shielded twisted pair LAN cable for the small office and working from home (SOHO and WFH applications)
- Unterminated patch cable for assembly and installation with LSA connection technology
- Flexible, unterminated data and installation cable for indoor use with a maximum transmission length of 40 m
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper-clad aluminium wire (CCA) and double shielding guarantee an excellent, powerful network connection
- Sturdy PVC jacket effectively protects the Ethernet cable from breakage

Material cable sheath	PVC
Cable sheath diameter (approx.)	6.3 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	23/1 (solid)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium)
Fire class (CPR)	E_{ca}

	white	grey	
100.00 m	94223	93955	Cable Reel
305.00 m	94224	95696	Cable Reel

94223
93955

94224
95696

Goobay

CAT 6 Network Cable, S/FTP (PiMF), grey

copper-clad aluminium wire (CCA), AWG 26/7, halogen-free cable sheath (LSZH)

- Unterminated, double shielded LAN cable for the small office and working from home (SOHO and WFH applications)
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- Flexible, unterminated twisted pair data cable for indoor use with a maximum transmission length of 20 m
- High-quality copper-clad aluminium wire (CCA) and double shielding guarantee an excellent, powerful network connection
- Sturdy, halogen-free jacket effectively protects the Ethernet cable from breakage

Material cable sheath	LSZH
Cable sheath diameter (approx.)	6.3 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium)
Fire class (CPR)	E_{ca}

93954   95709

100.00 m	93954	Cable Reel
305.00 m	95709	Cable Reel

Goobay

CAT 6 Network Cable, S/FTP (PiMF

copper-clad aluminium wire (CCA), AWG 26/7, PVC cable sheath

- Unterminated, double shielded LAN cable for the small office and working from home (SOHO and WFH applications)
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- Flexible, unterminated twisted pair data cable for indoor use with a maximum transmission length of 20 m
- High-quality copper-clad aluminium wire (CCA) and double shielding guarantee an excellent, powerful network connection
- Sturdy PVC jacket effectively protects the Ethernet cable from breakage

Material cable sheath	PVC
Cable sheath diameter (approx.)	6.3 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium)
Fire class (CPR)	E_{ca}

	white	grey	
100.00 m	94217	93953	Cable Reel
305.00 m	94218	95693	Cable Reel

94217
93953

94218
95693

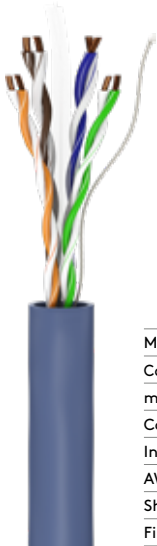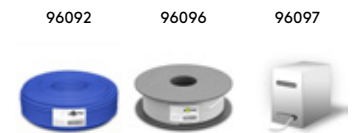## Goobay

CAT 6 Network Cable, U/UTP, grey

copper conductor (CU), AWG 23/1 (solid), halogen-free cable sheath (LSZH)

- Unshielded twisted pair LAN cable for indoor installation e. g. for the small office and working from home
- Unterminated data and installation cable for assembly and installation with LSA connection technology
- High-quality copper conductor (CU) guarantees an excellent, powerful network connection
- Sturdy PVC jacket effectively protects the Ethernet cable from breakage

Material cable sheath	LSZH
Cable sheath diameter (approx.)	5.8 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	23/1 (solid)
Shielding class	U/UTP
Fire class (CPR)	E_{ca}

100.00 m	68466	Cable Reel

Goobay

CAT 6 Network Cable, U/UTP, grey

copper conductor (CU), AWG 24/7 (stranded), PVC cable sheath

- Unshielded twisted pair LAN cable for indoor installation e. g. for the small office and working from home
- Unterminated data and installation cable for assembly and installation with LSA connection technology
- High-quality copper conductor (CU) guarantees an excellent, powerful network connection
- Sturdy PVC jacket effectively protects the Ethernet cable from breakage

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.8 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	24/7 (stranded)
Shielding class	U/UTP
Fire class (CPR)	E_{ca}

100.00 m	93293	Cable Reel

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Goobay

CAT 6 Network Cable, U/UTP, white

CCA copper mixture for SOHO applications, AWG 23/1 (solid), PVC

- Unterminated data/routing/installation cable for indoor processing and installation with IDC connection technology
- Perfect for SOHO applications (small office, home office) up to a max. transmission distance of 50 m

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.8 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	23/1 (solid)
Shielding class	U/UTP
Fire class (CPR)	E_{ca}

94965   94220

100.00 m	94965	Cable Reel
305.00m	94220	Cable Reel

Goobay

CAT 6 Network Cable, U/UTP, grey

copper-clad aluminium wire (CCA), AWG 23/1 (solid), PVC cable sheath

- Unshielded twisted pair LAN cable for indoor installation e. g. for the small office and working from home
- Unterminated data and installation cable for assembly and installation with IDC connection technology
- High-quality copper-clad aluminium wire (CCA) guarantees an excellent, powerful network connection
- Sturdy PVC jacket effectively protects the Ethernet cable from breakage

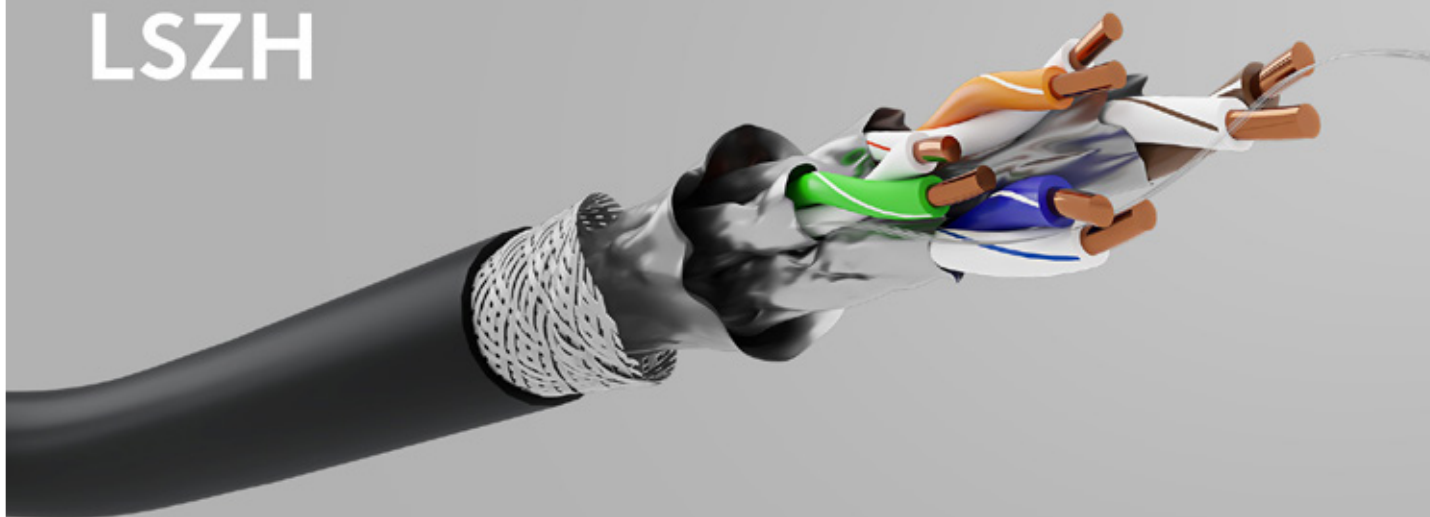| Material cable sheath	PVC
Cable sheath diameter (approx.)	5.8 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	23/1 (solid)
Shielding class	U/UTP
Fire class (CPR)	E_{ca}

95694   95695

100.00 m	95694	Cable Reel
305.00m	95695	Cable Reel

Goobay

CAT 6 Network Cable, U/UTP

copper-clad aluminium wire (CCA), AWG 24/7 (stranded)

- Unshielded twisted pair LAN cable for indoor installation e. g. for the small office and working from home
- Unterminated patch cable for assembly and installation with LSA connection technology. No approval for permanent installation in buildings.
- Flexible, unterminated data and installation cable for indoor use with a maximum transmission length of 60 m
- High-quality copper-clad aluminium wire (CCA) guarantees an excellent, powerful network connection
- Sturdy PVC jacket effectively protects the Ethernet cable from breakage

Material cable sheath	PVC
Cable sheath diameter (approx.)	5.8 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	24/7 (stranded)
Shielding class	U/UTP
Fire class (CPR)	E_{ca}

94964   94219
93884   93885

	white	grey	
100.00 m	94964	93884	Cable Reel
305.00m	94219	93885	Cable Reel

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Goobay

CAT 6a Network Cable, S/FTP (PiMF), grey

Copper conductor (CU), AWG 26/7 (stranded), halogen-free cable sheath (LSZH)

- Double shielded twisted pair LAN cable for the small office and working from home (SOHO and WFH applications)
- Unterminated patch cable for assembly and installation with IDC connection technology
- Flexible data and installation cable for indoor assembly with a maximum transmission length of 50 m
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper conductor (CU) and double shield guarantee an excellent and powerful network connection
- Stable, halogen-free cable sheathing protects the Ethernet cable in case of fire and provides long functional integrity
- The internet cable is not approved for permanent installation in buildings.

Material cable sheath	LSZH
Cable sheath diameter (approx.)	6.3 mm
max. bandwidth	500 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	26/7 (stranded)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium)

50.00 m	96093	Cable Reel
100.00 m	96094	Cable Reel
305.00 m	96095	Cable Reel

96093   96094   96095

Goobay

CAT 6a Network Cable, U/UTP, blue

Copper conductor (CU), AWG 23/1 (solid), halogen-free cable sheath (LSZH)

- Unshielded twisted pair LAN cable for the small office and working from home (SOHO and WFH applications)
- Unterminated patch cable for assembly and installation with IDC connection technology
- Flexible data and installation cable for indoor assembly with a maximum transmission length of 40 m
- High-quality copper conductor (CU) guarantees an excellent and powerful network connection
- Stable, halogen-free cable sheathing protects the Ethernet cable in case of fire and provides long functional integrity

Material cable sheath	LSZH
Cable sheath diameter (approx.)	6 mm
max. bandwidth	500 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	23/1 (solid)
Shielding class	U/UTP
Fire class (CPR)	E_{ca}

50.00 m	96092	Cable Reel
100.00 m	96096	Cable Reel
305.00 m	96097	Cable Reel

96092   96096   96097

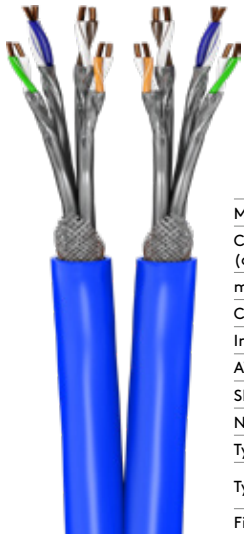### Goobay

CAT 6 Network Cable, S/FTP (PiMF), grey

copper conductor (CU), AWG 23/1, halogen-free cable sheath (LSZH)

- Double shielded twisted pair LAN cable for the small office and working from home (SOHO and WFH applications)
- Unterminated patch cable for assembly and installation with LSA connection technology
- Flexible, unterminated data and installation cable for indoor use with a maximum transmission length of 40 m
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper conductor (CU) guarantees an excellent, powerful network connection
- Sturdy, halogen-free cable jacket effectively protects the Ethernet cable from breakage

Material cable sheath	LSZH
Cable sheath diameter (approx.)	6.3 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	23/1 (solid)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium)
Fire class (CPR) according to DIN EN 13501-6	E_{ca}

100.00 m	50977	Cable Reel

COPPER
PURE OR MIXED

PVC OR PE

LSZH

HIGH QUALITY

MATERIALS

FROM COST-EFFICIENT TO HALOGEN-FREE

Goobay

CAT 7A Network Cable, S/FTP (PiMF), orange

Copper conductor (CU), AWG 23/1 (solid), halogen-free cable sheath (LSZH)

- Double shielded LAN cable for connecting network components
- Unterminated patch cable with IDC connection technology for assembly and installation indoors
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper conductor (CU) and shielding guarantee an excellent and powerful network connection
- Stable, halogen-free cable sheathing protects the Ethernet cable in case of fire and provides long functional integrity
- CAT 7A network cable is suitable for Power over Ethernet (PoE/PoE+)

Material cable sheath	LSZH
Cable sheath diameter (approx.)	7.5 mm
max. bandwidth	1000 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	23/1 (solid)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (copper) overall shield
Fire class (CPR)	D_{ca}

100.00 m	91888	Cable Reel
250.00 m	91889	Cable Reel
500.00 m	91890	Cable Reel

91888   91889   91890

Goobay

CAT 7A Duplex Network Cable, S/FTP (PiMF), orange

Copper conductor (CU), AWG 23/1 (solid), halogen-free cable sheath (LSZH)

- Double shielded LAN cable for connecting network components
- Unterminated patch cable with IDC connection technology for assembly and installation indoors
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper conductor (CU) and shielding guarantee an excellent and powerful network connection
- Stable, halogen-free cable sheathing protects the Ethernet cable in case of fire and provides long functional integrity
- CAT 7A network cable is suitable for Power over Ethernet (PoE/PoE+)

Material cable sheath	LSZH
Cable sheath diameter (approx.)	7.5 mm
max. bandwidth	1000 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	23/1 (solid)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (copper) overall shield
Fire class (CPR)	C_{ca}

100.00 m	91891	Cable Reel
500.00 m	91892	Cable Reel

Goobay

CAT 7A+ Network Cable, S/FTP (PiMF), blue

Copper conductor (CU), AWG 22/1 (solid), halogen-free cable sheath (LSZH)

- Double shielded LAN cable for the small office and working from home (SOHO and WFH applications)
- Unterminated patch cable for assembly and installation with IDC connection technology
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper conductor (CU) and shielding guarantee an excellent and powerful network connection
- Stable, halogen-free cable sheathing protects the Ethernet cable in case of fire and provides long functional integrity
- CAT 7A network cable is suitable for Power over Ethernet (PoE/PoE+)

Material cable sheath	LSZH
Cable sheath diameter (approx.)	7.8 mm
max. bandwidth	1200 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	22/1 (solid)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (copper) overall shield
Fire class (CPR)	B2$_{ca}$

100.00 m	91893	Cable Reel
250.00 m	91894	Cable Reel
500.00 m	91895	Cable Reel

91893

91894
91895

Goobay

CAT 7A+ Duplex Network Cable, S/FTP (PiMF), blue

Copper conductor (CU), AWG 22/1 (solid), halogen-free cable sheath (LSZH)

- Double shielded LAN cable for the small office and working from home (SOHO and WFH applications)
- Unterminated patch cable with IDC connection technology for assembly and installation indoors
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- High-quality copper conductor (CU) and shielding guarantee an excellent and powerful network connection
- Stable, halogen-free cable sheathing protects the Ethernet cable in case of fire and provides long functional integrity
- CAT 7A network cable is suitable for Power over Ethernet (PoE/PoE+)

Material cable sheath	LSZH
Cable sheath diameter (approx.)	7.8 mm
max. bandwidth	1200 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	22/1 (solid)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (copper) overall shield
Fire class (CPR)	B2$_{ca}$

100.00 m	91896	Cable Reel
500.00 m	91897	Cable Reel

Material cable sheath	LSZH
Cable sheath diameter (approx.)	8.2 mm
Inner conductor material	CU (copper)
Cable type	CAT 7A raw cable
AWG	23/1 (solid)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium) overall shield
Connection, type	2x RJ45 socket (8P8C)
Connection, shielding	yes

Goobay

Portable RJ45 Network Cable Reel Extension

Double shielded, halogen-free CAT 7A S/FTP (1000 MHz) installation cable on robust cable reel

- Shielded twisted pair LAN cable with high-quality copper conductor (CU) for mobile use, e. g. at events, presentations or training courses
- Ideal for establishing a short-term internet connection over a long distance
- Ethernet cable reel with Keystone CAT 6A socket and integrated CAT 6A data socket with dust protection cap
- Sturdy metal base provides a secure stand of the LAN cable drum
- Rubberised carrying handle for a firm grip and easy cable routing
- Signal colours provide increased safety as cable and coil are clearly visible
- The CAT 6A-tested network cable comes with a test report and supports Power over Ethernet (PoE per IEEE 802.3af, PoE+ per IEEE 802.3at).

Cable length	Bulk
50.00 m	58934
90.00 m	58938

200 ITEMS OF INSTALLATION ACCESSORIES
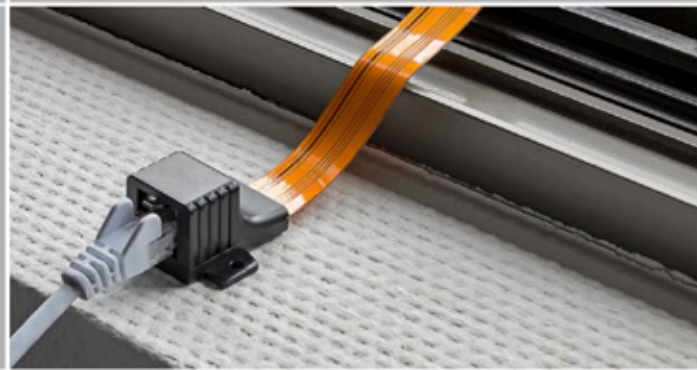
EXTRA-CONVENIENT
ACCESSORIES FOR INSTALLATION

A LARGE SELECTION OF:

WALL PLATES

CONNECTORS

HUBS

SOCKETS

TOOLS

MEASUREMENT DEVICES

CAT 6A

CAT 6

Goobay

Tool-free RJ45 Network Connector STP Shielded

For 9.0 mm cable diameter, IDC connectors (toolless)

- The RJ45 plug is suitable for a 9.0 mm round cable with a flexible or rigid inner conductor (AWG 22 - AWG 24).
- Robust zinc-alloy housing for high durability
- CAT connector with 3μ gold-plated contacts for a perfect transmission of electrical or optical signals
- Tool-free assembly by simply pressing down the connector housing
- RJ45 connector with colour-coded cable contacts according to EIA/TIA 568
- Shielded RJ45 connector is suitable for Gigabit Ethernet applications

CAT 6A	38292	Bulk
CAT 6	38293	Bulk

CAT 6A

CAT 6

Goobay

Tool-free RJ45 Network Connector UTP Unshielded

For 3 cable diameters (5.2 mm/6.4 mm/7.5 mm), IDC connectors (tool-free)

- RJ45 plug is suitable for round cable with a flexible or rigid inner conductor (AWG 22 - AWG 26)
- Cable reducer allows for connecting 3 different cable sizes (Ø 5.2 mm/ 6.4 mm/7.5 mm) to the Ethernet connector
- CAT connector with 3μ gold-plated contacts for a perfect transmission of electrical or optical signals
- Tool-free assembly by simply pressing down the connector housing
- Kink protection on the Ethernet plug perfectly protects the Ethernet cable from breakage.
- RJ45 connector with colour-coded cable contacts according to EIA/TIA 568
- Unshielded RJ45 connector is suitable for Gigabit Ethernet applications
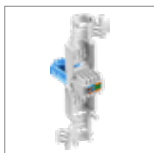
CAT 6A	59227	Bulk
CAT 6	44738	Bulk

Goobay

Tool-free RJ45 Network Connector CAT 5e UTP Unshielded

For 3 cable diameters (5.2 mm/6.4 mm/7.5 mm), IDC connectors (tool-free)

- RJ45 plug is suitable for round cable with a flexible or rigid inner conductor (AWG 22 - AWG 26)
- Cable reducer allows for connecting 3 different cable sizes (Ø 5.2 mm/6.4 mm/7.5 mm) to the Ethernet connector
- Kink protection on the Ethernet plug perfectly protects the Ethernet cable from cable breakage
- CAT 5e connector with 3μ gold-plated contacts for a perfect transmission of electrical or optical signals
- Tool-free assembly by simply pressing down the connector housing
- RJ45 connector with colour-coded cable contacts according to EIA/TIA 568
- Unshielded RJ45 connector is suitable for Gigabit Ethernet applications

68859	Bulk
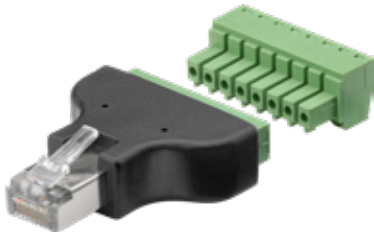
Goobay

Terminal Block 8-pin > RJ45 Male (8P8C)

removable screw fixing, 2-part

- RJ45 plug to terminal block adapter for quick wiring stripped cable ends
- Terminal block with removable screw mounting, suitable for individual installation solutions
- Ideally suited for test set-ups, audio purposes of hobbyists, DIY and alarm systems
- Adapter with Ethernet plug and 3.5 mm contact spacing
- Contacting: 8-pin terminal block

76736   Bulk

Goobay

Terminal Block 8-pin > RJ45 Female (8P8C)

push-down clamping assembly

- RJ45 socket to terminal block adapter for quick wiring stripped cable ends
- Terminal block with push-down clamp, suitable for individual installation solutions
- Ideally suited for test set-ups, audio purposes of hobbyists, DIY and alarm systems
- Adapter with Ethernet socket and 2.5 mm contact spacing
- Contacting: 8-pin terminal block

76737   Bulk

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Goobay
RJ45 plug

	no.		description	contacts	gold plating	min/max AWG	thread
	72500	Bulk VE 10	**CAT 5e UTP Unshielded** for round cable	8 Pin	3 µ	AWG24- AWG26	-
	15016	Bulk PU 10	**CAT 5e STP Shielded** for round cable	8 Pin	3 µ	AWG24- AWG26	-
	68079	Bulk PU 10	**CAT 5e STP Shielded** for round cable with threader	8 Pin	3 µ	AWG24- AWG26	1
	93828	Bulk PU 10	**CAT 6 UTP Unshielded** for round cable	4+4 Pin	15 µ	AWG 23- AWG26	-
	93829	Bulk PU 10	**CAT 6 STP Shielded** for round cable	4+4 Pin	15 µ	AWG 23- AWG26	-
	72501	Bulk PU 10	**CAT 6A UTP Unshielded** for round cable with threader	6+2 Pin	50 µ	AWG 23- AWG26	2
	72502	Bulk PU 10	**CAT 6A STP Shielded** for round cable with threader	6+2 Pin	50 µ	AWG 23- AWG26	2

Goobay

RJ45 Plug, CAT 5e STP Shielded
with Strain-relief Boot
for round cable with threader

- RJ45 connection with bend protection for terminating network cables
- Ethernet plug with latch lug and a sturdy plastic housing
- Network connector for flexible stranded and rigid solid inner conductors (AWG 24 - AWG 26)
- Bend protection with 6.4 mm cable lead
- Threader for easy mounting of an Ethernet cable
- CAT 5e connector with 3µ gold-plated contacts for a perfect transmission of electrical or optical signals

grey	68746	Bulk
green	68747	Bulk
red	68748	Bulk
black	68749	Bulk

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Goobay

CAT 6A Universal Wall Plate incl. On-wall Mounting Frame

2x RJ45 connections, shielded, termination strip for tool-free IDC mounting

- Shielded Ethernet socket with integrated dust protection cover plates to connect 2x network cables with RJ45 plugs
- Fully shielded IDC strips and RJ45 sockets due to completely enclosing die-cast metal housing (360° shield contact)
- The internet wall socket with a max. bandwidth of 500 MHz (CAT 6A Class EA) connects your PC, laptop, game console, printer and receiver.
- CAT 6A surface mounted socket is suitable for 10 Gigabit Ethernet and PoE+ applications (IEEE 802.3 at)
- With a clear plastic display to label the individual connections for a perfect cable management
- Metal plate of the data socket is compatible with all common switch ranges (designable)
- 3µ gold-plated contacts guarantee an excellent, powerful network connection

68572   Bulk

Goobay

CAT 6A Wall Plate Flush Mounting

2x RJ45 connections, shielded, termination strip for tool-free IDC mounting

- Shielded Ethernet socket with integrated dust protection cover plates to connect 2x network cables with RJ45 plugs
- Fully shielded IDC strips and RJ45 sockets due to completely enclosing die-cast metal housing
- The internet wall socket with a max. bandwidth of 500 MHz (CAT 6A Class EA) connects your PC, laptop, game console, printer and receiver.
- In contrast to the surface box, the flush-mounted box is mounted directly onto the wall.
- CAT 6A wall outlet is suitable for 10 Gigabit Ethernet 10BASE-T/ 100BASE-TX/1000BASE-T and PoE+ applications (IEEE 802.3at)
- With a clear plastic display to label the individual connections for a perfect cable management
- Metal plate of the data socket is compatible with all common switch ranges (designable)

68721   Bulk

Goobay

CAT 6 Universal Wall Plate incl. On-wall Mounting Frame

2x RJ45 connections, shielded, termination strip for tool-free IDC mounting

- Shielded Ethernet socket with integrated dust protection cover plates to connect 2x network cables with RJ45 plugs
- Fully shielded IDC strips and RJ45 sockets thanks to completely enclosing die-cast metal housing (360° shield contact)
- The internet wall socket with a max. bandwidth of 250 MHz (CAT 6 Class E) connects your PC, laptop, game console, printer and receiver.
- CAT 6 surface mounted socket is suitable for 10 Gigabit Ethernet and PoE+ applications (IEEE 802.3 at)
- With a clear plastic display to label the individual connections for a perfect cable management
- Metal plate of the data socket is compatible with all common switch ranges (designable)
- 3µ gold-plated contacts guarantee an excellent, powerful network connection

68244   Bulk

Goobay

CAT 6 Wall Plate Flush Mounting

2x RJ45 connections, shielded, termination strip for tool-free IDC mounting

- Shielded Ethernet socket with integrated dust protection cover plates to connect 2x network cables with RJ45 plugs
- Fully shielded IDC strips and RJ45 sockets thanks to completely enclosing die-cast metal housing (360° shield contact)
- The internet wall socket with a max. bandwidth of 250 MHz (CAT 6 Class E) connects your PC, laptop, game console, printer and receiver.
- In contrast to the surface box, the flush-mounted box is mounted directly onto the wall.
- CAT 6 wall outlet is suitable for 1 Gigabit Ethernet and PoE+ applications (IEEE 802.3at)
- With a clear plastic display to label the individual connections for a perfect cable management
- Metal plate of the data socket is compatible with all common switch ranges (designable)

68246 Bulk

Goobay

CAT 5e Wall Plate Universal incl. Surface Mounting Frame

2x RJ45 connections, shielded, termination strip for tool-free IDC mounting

- Shielded ethernet socket to connect 2x network cables with RJ45 plugs (8P8C)
- Universal box can be installed as a surface-mounted box using the supplied mounting accessories
- Mounting by solderless, screwless and stripping-free connection technology (IDC mounting)
- RJ45 sockets with horizontal cable routing
- Internet wall socket is universally applicable and suitable to link PC, laptop, game console, printer and receiver
- The CAT 5e surface mounted socket is suitable for PoE+ applications (IEEE 802.3at)
- Recess to label the individual connections for perfect cable management

50943 Bulk

Goobay

CAT 5e Wall Plate Surface Mounting

2x RJ45 connections, shielded, termination strip for tool-free IDC mounting

- Shielded Ethernet socket to connect 2x network cables with RJ45 plugs (8P8C)
- Mounting by solderless, screwless and stripping-free connection technology (IDC mounting)
- RJ45 sockets with horizontal cable routing
- Internet wall socket is suitable to link PC, laptop, game console, printer and receiver
- CAT 5e surface mounted socket is suitable for PoE+ applications (IEEE 802.3at)
- Recess to label the individual connections for perfetct cable management
- Gold-plated contacts guarantee an excellent, powerful network connection

50971 Bulk

Goobay

CAT 5e Wall Plate Flush Mounting

2x RJ45 connections, shielded, termination strip for tool-free IDC mounting

- Shielded Ethernet socket to connect 2x network cables with RJ45 plugs (8P8C)
- Mounting by solderless, screwless and stripping-free connection technology (IDC mounting)
- RJ45 sockets with horizontal cable routing
- Internet wall socket is suitable to link PC, laptop, game console, printer and receiver
- CAT 5e flush mounted socket is suitable for PoE+ applications (IEEE 802.3at)
- Recess to label the individual connections for perfetct cable management
- In contrast to the surface box, the flush-mounted box is mounted directly onto the wall.

50972   Bulk

Goobay

1-port RJ45 Surface Mount Installation Box, CAT 6, STP, white

shielded

- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- Patch panel incl. fixing screws for mounting on wall and desktop
- CAT 6 distributor for cable diameters of up to 7.0 mm (AWG 22-24)
- With a clear plastic display to label the individual connections for a perfect cable management
- Terminal strips with colour coding according to TIA 568B for an easy and correct connection
- 1-port patch panel with 1x RJ45 socket for connecting 1x terminated CAT 6 network cable
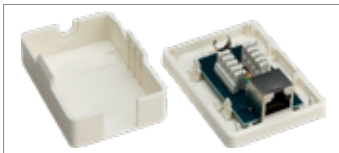
77634   Bulk

Goobay

2-port RJ45 Surface Mount Installation Box, CAT 6, STP, white

shielded

- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- Patch panel incl. fixing screws for mounting on wall and desktop
- CAT 6 distributor for cable diameters of up to 7.0 mm (AWG 22-24)
- With a clear plastic display to label the individual connections for a perfect cable management
- Terminal strips with colour coding according to TIA 568B for an easy and correct connection
- 2-port patch panel with RJ45 sockets for connecting terminated CAT 6 network cables
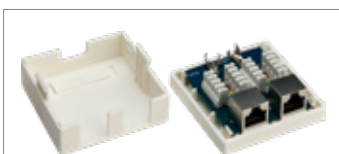
77635   Bulk

Goobay

1-port RJ45 Surface Mount Installation Box, CAT 6, UTP, white

unshielded

- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- Patch panel incl. fixing screws for mounting on wall and desktop
- CAT 6 distributor for cable diameters of up to 7.0 mm (AWG 22-24)
- With a clear plastic display to label the individual connections for a perfect cable management
- Terminal strips with colour coding according to TIA 568B for an easy and correct connection
- 1-port patch panel with RJ45 socket for connecting an terminated CAT 6 network cable

77632   Bulk
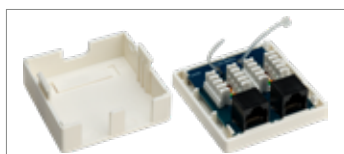
Goobay

2-port RJ45 Surface Mount Installation Box, CAT 6, UTP, white

unshielded

- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- Patch panel incl. fixing screws for mounting on wall and desktop
- CAT 6 distributor for cable diameters of up to 7.0 mm (AWG 22-24)
- With a clear plastic display to label the individual connections for a perfect cable management
- Terminal strips with colour coding according to TIA 568B for an easy and correct connection
- 2-port patch panel with RJ45 sockets for connecting terminated CAT 6 network cables

77633   Bulk

Goobay

RJ45 Modular Coupler, CAT 6A

2x RJ45 female (8P8C)

- RJ45 coupling for extending and connecting 2x network cables with RJ45 plugs
- Ethernet coupler with robust metal housing and shielding jacket for a perfect transmission of electrical or optical signals
- Real metal housing/cover (instead of metalised plastic)
- Commonly used in laboratories, workshops, home entertainment and network installations
- RJ45 sockets are suitable for PoE+ according to IEEE 802.3at
- CAT 6A socket with PCB board contacting
- LAN connections with 1:1 pin assignment

72499   Bulk

Goobay

RJ45 Modular Coupler, CAT 6

2x RJ45 female (8P8C)

- RJ45 coupling for extending and connecting 2x network cables with RJ45 plugs
- Ethernet coupler with robust zinc-alloy housing for a perfect transmission of electrical or optical signals
- Real metal housing/cover (instead of metalised plastic)
- Commonly used in laboratories, workshops, home entertainment and network installations
- RJ45 sockets are suitable for PoE+ according to IEEE 802.3at
- CAT 6 socket with PCB board contacting
- LAN connections with 1:1 pin assignment

93963   Bulk

Goobay

RJ45 Modular Coupler, CAT 6

2x RJ45 female (8P8C)

- RJ45 coupling for extension and connection of 2x network cables with RJ45 plugs
- With real metal housing/cover (instead of metalised plastic)
- Ethernet coupler with robust metal housing and shroud jacket for durability
- 1:1 assignment for CAT 6 network cable
- RJ45 sockets are suitable for PoE+ nach IEEE 802.3 at
- CAT 6 socket with PCB board for a perfect transmission of electrical or optical signals

15217   Bulk

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Goobay

RJ45 Mounting Adapter with Mounting Flange

2x RJ45 female (8P8C)

- RJ45 coupling for extension and connection of 2x network cables with RJ45 plugs
- For mounting e. g. on slot bracket, cable duct or enclosures with corresponding opening (hole spacing 25.0 mm)
- Ethernet coupler with robust housing for durability
- 1:1 assignment for CAT 6 network cable
- RJ45 sockets are suitable for PoE+ nach IEEE 802.3at
- CAT 6 socket with gold-plated contacts for a perfect transmission of electrical or optical signals
- Including mounting material

81365   Bulk

Goobay

RJ45 Modular Coupler, CAT 5e

2x RJ45 female (8P8C)

- RJ45 coupling for connecting 2x network cables with RJ45 plugs
- With real metal housing/cover (instead of metalised plastic)
- Ethernet coupler with robust metal housing and metal shroud socket for a perfect transmission of electrical or optical signals
- Commonly used in laboratories, workshops, home entertainment and network installations
- RJ45 sockets are suitable for CAT 5e cables
- CAT 5e socket with high-quality PCB board contacting
- RJ45 connections with 1:1 pin assignment

15027   Bulk

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Goobay

RJ45 Mounting Adapter with Mounting Flange
2x RJ45 female (8P8C)

- RJ45 coupling for extension and connection of 2x network cables with RJ45 plugs
- For mounting e. g. on slot bracket, cable duct or enclosures with corresponding opening (hole spacing 25.0 mm)
- Ethernet coupler with robust housing for durability
- 1:1 assignment for CAT 5e network cable
- RJ45 sockets are suitable for PoE+ nach IEEE 802.3at
- CAT 5e socket with gold-plated contacts for a perfect transmission of electrical or optical signals
- Including mounting material

72361   Bulk

Goobay

RJ45 Crossover Modular Coupler, CAT 5e
2x RJ45 female (8P8C)

- RJ45 coupling for extending and connecting 2x network cables with RJ45 plugs
- LAN connections with crossover pin assignment
- Ethernet coupler with robust metal housing and shielding for a perfect transmission of electrical or optical signals
- Commonly used in laboratories, workshops, home entertainment and network installations
- RJ45 sockets are suitable for PoE+ according to IEEE 802.3at
- CAT 5e socket with PCB board contacting

68161   Bulk

Goobay

RJ45 Crossover Modular Adapter, CAT 5e
up to 100 MHz networks

- RJ45 connection with crossover pin assignment to link network cables
- Suitable for adapting a patch cable (1:1 pin assignment) to a crossover patch cable
- Use the crossover adapter and an Ethernet cable to connect 2 computers
- Robust plastic housing for high durability of the Ethernet plug
- RJ45 plug with latching lug
- RJ45 connector with colour-coded cable contacts according to TIA-568B
- Suitable for 10BASE-T/100BASE-TX

68912   Bulk

Goobay

Network Connection Box CAT 5e (100 MHz), STP

to connect 2x Ethernet cables, shielded, termination strip for tool-free IDC mounting

- Shielded CAT connection module (STP) for extending or linking 2x LAN installation cables
- CAT connector to reconnect damaged cables without re-routing an entire cable segment
- Suitable for unassembled CAT 5e patch cables with AWG 22-26
- IDC connectors for tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- Max. data transmission of 100 Mhz guarantees an excellent network connection
- Connection box consists of a high-quality, metallised plastic housing
- The network cable connection module is suitable for PoE+ applications (IEEE 802.3at).

50481   Bulk

Goobay

Network Connection Box CAT 5e (100 MHz), UTP

to connect 2x Ethernet cables, unshielded, termination strip for tool-free IDC mounting

- Unshielded CAT connection module (UTP) for extending or linking 2x LAN installation cables
- CAT connector to reconnect damaged cables without re-routing an entire cable segment
- Suitable for unassembled CAT 5e patch cables with AWG 24-26
- IDC connectors for tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- Max. data transmission of 100 MHz guarantees an excellent network connection
- Connection box consists of a high-quality plastic housing
- The network cable connection module is suitable for PoE+ applications (IEEE 802.3at).

93254   Bulk

Goobay

Network Connection Box CAT 6/ CAT 6A/ CAT 7, STP

to connect 2x Ethernet cables, shielded, termination strip for tool-free IDC mounting
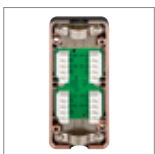
- Shielded CAT connection module (STP) for extending or linking 2x LAN installation cables
- CAT connector to reconnect damaged cables without re-routing an entire cable segment
- Suitable for unassembled patch cables with AWG 22-26 (CAT 6, CAT 6A and CAT 7)
- IDC connectors for tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- Max. data transmission of 600 MHz guarantees an excellent network connection
- Connection box consists of a high-quality, metallised plastic housing
- The network cable connection module is suitable for PoE+ applications (IEEE 802.3at).

96101   Bulk

Goobay

Ultra-slim RJ45 LAN Window Feed-through
To establish network connections between window frames

- With the practical RJ45 window feed-through, you can lay network connections through window frames
- Extremely flat 0.3 mm adapter cable allows easy opening and closing of windows
- Flat cable made of transparent PCB foil and equipped with 2x RJ45 sockets with nickel-plated contacts
- Durable, weather-resistant cable sheath withstands long-term loads
- Compatible with all patch cables with RJ45 connector
- Includes 2x adhesive pads and 4x screws for fixing the Ethernet cable window feed-through to the window frame

0.25 m	71411	Bulk
0.30 m	71412	Bulk
0.50 m	71413	Bulk

Goobay

Toolless Cable Connector CAT 6A, STP Shielded
for IDC connectors (toolless)
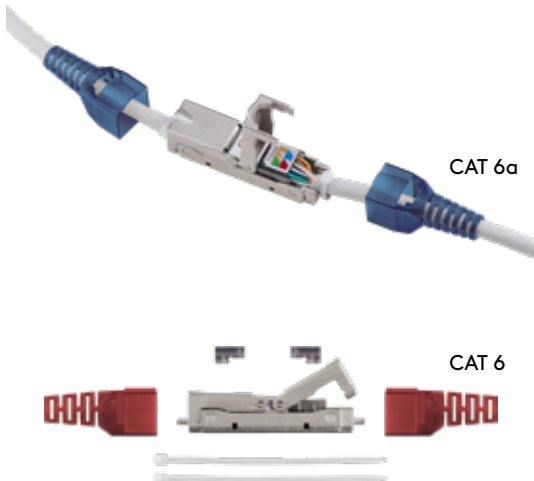
- Shielded cable connection (STP) for extending or linking 2x LAN installation cables
- Connector module to reconnect damaged cables without re-routing an entire cable segment
- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- Max. data transmission of 250 to 500 MHz guarantees an excellent network connection
- Suitable for unterminated patch cables with AWG 24/1 to 22/1 (conductor diameter: solid wire 0.5 - 0.64 mm, stranded wire 0.61 - 0.76 mm and cable sheath diameter: 5.0 - 9.7 mm)
- Very slim connection module with shield connection and integrated strain relief
- Field assembly cable connector made of high-quality zinc die-cast housing

CAT 6a

CAT 6

CAT 6	CAT 6A
79579 Bulk	79577 Bulk

Goobay

Tool set for Telephone and Network Installation

for installing and testing the home network

- IDC insertion tool - equipped with drag hooks and release blade
- Network tester - suitable for RJ11, RJ12, and RJ45 cables
- Stripping tool - with cable cutter can be used up to AWG22
- Crimping tool - can be used up to 8P8C connector
- Power supply from a 9 V block battery (not included in delivery)
- Delivery incl. protective bag

97790 Bulk

Goobay

Network Cable Tester Set

for testing CAT 5/6 network and ISDN connections

- Has RJ11, RJ12, and RJ45 sockets
- Checks lines for short circuit, wire reversal, and cable defect
- Remote unit with integrated LED display for 8 individual cores
- Power supply is a 9 V block (not included in delivery)
- Incl. 2x BNC > RJ45 and RJ45 > RJ45 adapter cable;
  1x BNC > BNC and 2x RJ45 > RJ11 plug
- Protective hardcase included in delivery

93010 Retail Box

Goobay

Network Cable Tester

for testing CAT 5/6 network and ISDN connections

- Has RJ11, RJ12, and RJ45 sockets
- Checks lines for short circuit, wire reversal, and cable defect
- Remote unit with integrated LED display for 8 individual cores
- Power supply is a 9 V block (not included in delivery)
- Protective pouch included in delivery

68856 Retail Box

Goobay

Network Cable Tester Firewire

for testing CAT 5/6 network and ISDN connections

- Has RJ11, RJ45, USB (type A), Mini USB (type B), and
  IEEE1394 6pin Firewire socket
- Checks lines for short circuit, wire reversal, and cable defect
- Connection tester with integrated LED display for 8 individual cores
- Power supply is a 9 V block (not included in delivery)
- Protective pouch included in delivery

68858 Retail Box

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

20 PATCH PANEL TYPES
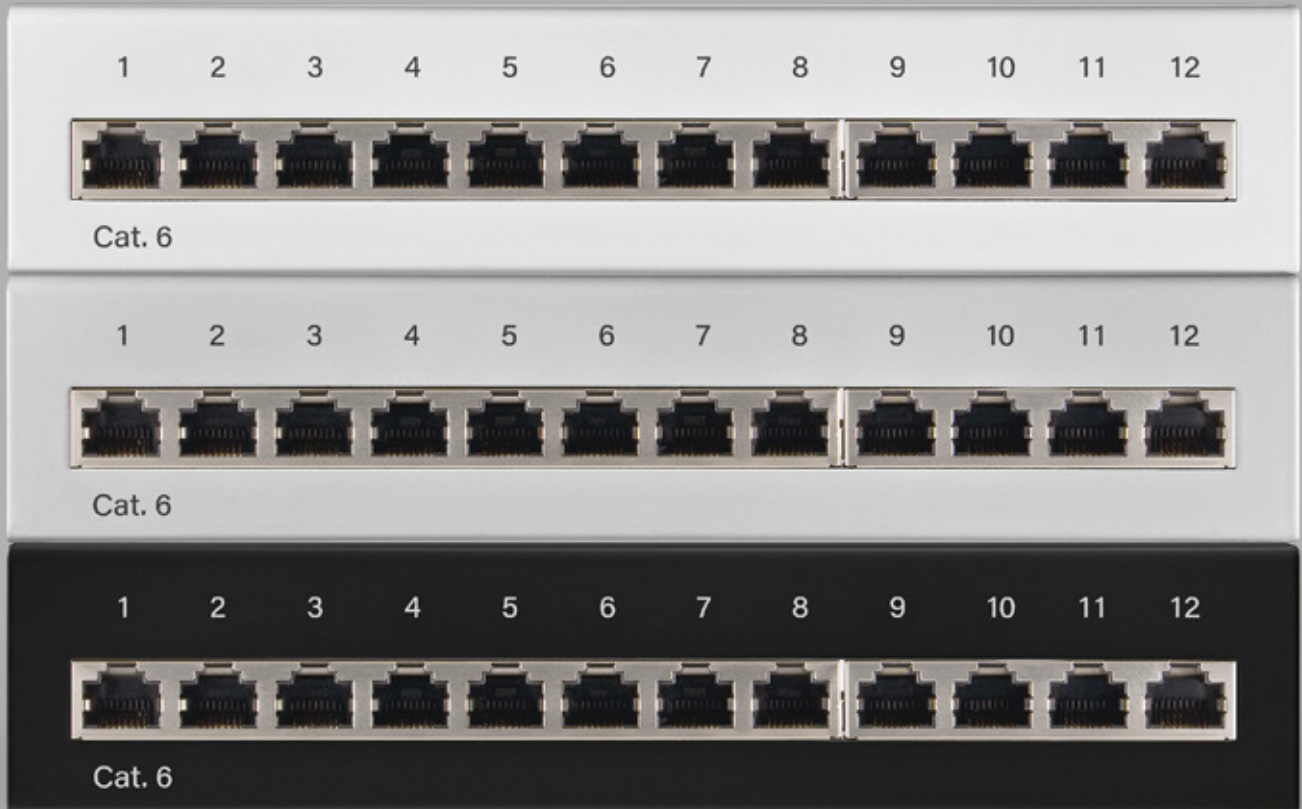
FROM MINI TO MAXI

PATCH PANELS

THE CONNECTING ELEMENT FOR CABLES

AVAILABLE AS 8/12/24 PORT VERSION

10 INCH/19 INCH OR MINI (FOR DESKTOP MOUNTING)

Goobay

CAT 5e 19-inch (48.3 cm) Patch Panel, 24 Port
UTP unshielded, Black

- 24-port patch panel with RJ45 sockets for connecting terminated CAT 5e network cables
- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- 19-inch patch panel incl. fixing screws for rack mounting or mounting in server cabinets (48.3 cm)
- CAT 5e distributor for cable diameters up to 0.64 mm (AWG 22-26)
- Distribution panel with numbered ports for ideal cable organisation
- Terminal strips with colour coding according to TIA 568 A/B for easy and correct connections

93865 Bulk

Goobay

CAT 5e 19-inch (48.3 cm) Patch Panel, 24 Port
STP shielded, grey

- 24-port patch panel with RJ45 sockets for connecting terminated CAT 5e network cables
- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- 19-inch patch panel incl. fixing screws for rack mounting or mounting in server cabinets (48.3 cm)
- CAT 5e distributor for cable diameters up to 0.64 mm (AWG 22-26)
- Distribution panel with numbered ports for ideal cable organisation
- Terminal strips with colour coding according to TIA 568 A/B for easy and correct connections
- Mounting screws included
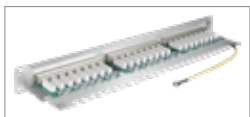
68883 Bulk

Goobay

CAT 6 19-inch (48.3 cm) Patch Panel, 24 Port
UTP unshielded

- 24-port patch panel with RJ45 sockets for connecting terminated CAT 6 network cables
- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- 19-inch patch panel incl. fixing screws for rack mounting or mounting in server cabinets (48.3 cm)
- CAT 6 distributor for cable diameters up to 0.64 mm (AWG 22-26)
- Unshielded, high-quality metal housing for a long service life
- Distribution panel with numbered ports for a clean cable management
- Terminal strips with colour coding according to TIA 568 A/B for an easy and correct connection

93866 Bulk

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Goobay

CAT 6 19-inch (48.3 cm) Patch Panel, 24 Port
STP shielded

- 24-port patch panel with RJ45 sockets for connecting terminated CAT 6 network cables
- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- 19-inch patch panel incl. fixing screws for rack mounting or mounting in server cabinets (48.3 cm)
- CAT 6 distributor for cable diameters up to 0.64 mm (AWG 22 - 26)
- Distribution panel with numbered ports for ideal cable organisation
- Terminal strips with colour coding according to TIA 568 A/B for easy and correct connections

black	93048	Bulk
grey	94036	Bulk

Goobay

CAT 6A 19-inch (48.3 cm) Patch Panel, 24 Port
STP shielded

- 24-port patch panel with RJ45 sockets for connecting assembled CAT 6A network cables
- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- 19-inch patch panel incl. fixing screws for rack mounting or mounting in server cabinets (48.3 cm)
- CAT 6A distributor for cable diameters up to 0.64 mm (AWG 22 - 26)
- Shielded ports in high-quality metal housing with "Easy Open" function (opening without screws and tools)
- Distribution panel with numbered ports for a clean cable management
- Terminal strips with colour coding according to TIA 568 A/B for an easy and correct connection

black	90854	Bulk
grey	90855	Bulk

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Goobay

### CAT 6 10-inch (25.4 cm) Patch Panel, 12 Port
STP shielded

- 12-port patch panel with RJ45 sockets for connecting terminated CAT 6 network cables
- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- 10-inch patch panel incl. fixing screws for rack mounting or mounting in server cabinets (25.4 cm)
- CAT 6 distributor for cable diameters up to 0.64 mm (AWG 22 - 26)
- Shielded ports in high-quality metal housing with "Easy Open" function (opening without screws and tools)
- Distribution panel with numbered ports for a clean cable management
- Terminal strips with colour coding according to TIA 568 A/B for an easy and correct connection
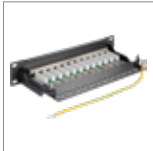
93793   Bulk

Goobay

CAT 6A 10-inch (25.4 cm) Patch Panel, 12 Port
STP shielded

- 12-port patch panel with RJ45 sockets for connecting assembled CAT 6A network cables
- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- 10-inch patch panel incl. fixing screws for rack mounting or mounting in server cabinets (25.4 cm)
- CAT 6A distributor for cable diameters up to 0.64 mm (AWG 22 - 26)
- Shielded ports in high-quality metal housing with "Easy Open" function (opening without screws and tools)
- Distribution panel with numbered ports for a clean cable management
- Terminal strips with colour coding according to TIA 568 A/B for an easy and correct connection
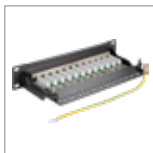
93796   Bulk

Goobay

CAT 5e Mini/Desktop Patch Panel, 8 Port
STP shielded
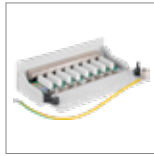
- 8-port patch panel with RJ45 sockets for connecting terminated CAT 5e network cables
- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- Patch panel incl. fixing screws for mounting on wall and desktop
- CAT 5e distributor for cable diameters up to 0.64 mm (AWG 22-26)
- Shielded ports in high-quality metal housing with "Easy Open" function (opening without screws and tools)
- Distribution panel with numbered ports for a clean cable management
- Terminal strips with colour coding according to TIA 568 A/B for an easy and correct connection

68882   Bulk

Goobay

CAT 5e Mini/Desktop Patch Panel, 12 Port
STP shielded
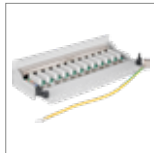
- 12-port patch panel with RJ45 sockets for connecting terminated CAT 5e network cables
- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- Patch panel incl. fixing screws for mounting on wall and desktop
- CAT 5e distributor for cable diameters up to 0.64 mm (AWG 22-26)
- Shielded ports in high-quality metal housing with "Easy Open" function (opening without screws and tools)
- Distribution panel with numbered ports for ideal cable management
- Terminal strips with colour coding according to TIA 568 A/B for an easy and correct connection

93041   Bulk

Goobay

CAT 6 Mini/Desktop Patch Panel, 8 Port
STP shielded

- 8-port patch panel with RJ45 sockets for connecting terminated CAT 6 network cables
- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- Patch panel incl. fixing screws for mounting on wall and desktop
- CAT 6 distributor for cable diameters up to 0.64 mm (AWG 22-26)
- Shielded ports in high-quality metal housing with "Easy Open" function (opening without screws and tools)
- Distribution panel with numbered ports for a clean cable management
- Terminal strips with colour coding according to TIA 568 A/B for an easy and correct connection

black	96105	Bulk
white	62069	Bulk
grey	93047	Bulk

Goobay

CAT 6 Mini/Desktop Patch Panel, 12 Port
STP shielded

- 12-port patch panel with RJ45 sockets for connecting terminated CAT 6 network cables
- For tool-free assembly by solderless, screwless and stripping-free connection technology (IDC mounting)
- Patch panel incl. fixing screws for mounting on wall and desktop
- CAT 6 distributor for cable diameters up to 0.64 mm (AWG 22-26)
- Shielded ports in high-quality metal housing with "Easy Open" function (opening without screws and tools)
- Distribution panel with numbered ports for a clean cable management
- Terminal strips with colour coding according to TIA 568 A/B for an easy and correct connection

black	69307	Bulk
white	62070	Bulk
grey	69306	Bulk
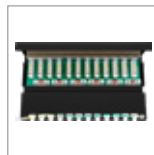
Goobay

CAT 6a Mini/Desktop Patch Panel, 8 Port
STP shielded

- Patch field (1 U) for on wall / desktop mounting
- Internal connection technology for LSA insulation displacement terminals
- Colour coding in accordance with TIA 568 A/B
- For cable diametres of up to 0.64 mm (22–26 AWG), solid/stranded
- "Easy Open" housing without screws and tool
- Shielded ports
- Mounting screws included

black	62065	Bulk
white	62067	Bulk
grey	62063	Bulk
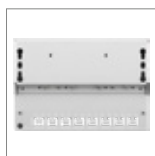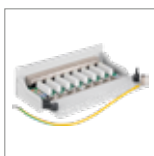
5 & 8 PORT
FAST ETHERNET
& GIGABIT ETHERNET

ENERGY-EFFICIENT
NETWORK SWITCHES

THE CONTROL CENTER FOR A WIRED HOME NETWORK

EXPANDS THE NETWORK WITH ADDITIONAL CONNECTION OPTIONS OF 10/100/ 1000 MBIT/S

WITH 5 TO 8 RJ45 PORTS

Goobay

5 Port Gigabit Ethernet Switch

5x RJ45 sockets, auto-negotiation, 1000 Mbit/s

- Thanks to the non-blocking architecture, data packages are forwarded and filtered at full transmission speed
- Network switch supports MAC address auto-learning and auto-aging
- Green Power Ethernet allows the operation of a simple power and cost-saving network (75 % less energy consumption)
- Ethernet hub with Plug & Play application requires no additional crossover or uplink ports
- Compatible with max. 10/100/1000 Mbits (half duplex) and max. 20/200/2000 Mbits (full duplex)
- Switching hub with fanless design for noise-free operation
- Supports the following standards: Auto Negotiation (Auto MDI/MDIX) for all RJ45 ports, IEEE 802.3, IEEE 802.3u, IEEE 802.3x and IEEE 802.3ab

93372   Retail Box

Goobay

8 Port Gigabit Ethernet Switch

8x RJ45 sockets, auto-negotiation, 1000 Mbit/s

- Thanks to the non-blocking architecture, data packages are forwarded and filtered at full transmission speed.
- Network switch supports MAC address auto-learning and auto-aging
- Green Power Ethernet allows the operation of a simple power and cost-saving network (75 % less energy consumption)
- Ethernet hub with Plug & Play application requires no additional cross-over or uplink ports
- Compatible with max. 10/100/1000 Mbits (half duplex) and max. 20/200/2000 Mbits (full duplex)
- Switching hub with fanless design for noise-free operation
- Supports the following standards: Auto Negotiation (Auto MDI/MDIX) for all RJ45 ports, IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab

93373   Retail Box

Goobay

LAN Cable Distributor (Network Coupler), Y-Adapter

2x CAT 5 Ethernet wiring: 1x 8-pin to 2x 4-pin

- Cable-sharing adapter for simultaneous operation of two 4-wire services, here: 2x Ethernet, via one 8-core installation cable
- Allows two Ethernet lines to be routed over one CAT cable (cable-sharing)
- Serves as RJ45 port coupler for structured cabling
- With FTP shielding, connections: 1x RJ45 plug and 2x RJ45 sockets (2x PIN 1-2-3-6)
- Always use in pairs: one adapter on the junction box, one adapter on the distributor
- Metalised housing ensures durability of the T-adapter
- Only works with Fast Ethernet (10/100 MBit). Not applicable for Gigabit or with PoE
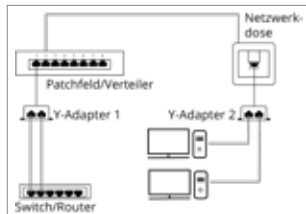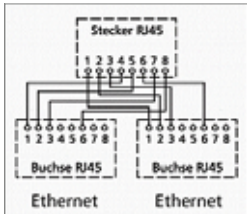
68908   Bulk

Goobay

Cable Splitter (Y-Adapter)

Ethernet/ISDN wiring, 1x 8-pin to 2x 4-pin

- Cable-sharing adapter for simultaneous operation of two 4-wire services, here: 1x Ethernet and 1x telephone (ISDN), via an 8-wire installation line
- Serves as an RJ45 port coupler, e. g. for a permanently laid network cable (CAT 5)
- For structured cabling
- With FTP shielding, connections: 1x RJ45 plug and 2x RJ45 sockets (1x PIN 1-2-3-6) and (1x PIN 3-4-5-6)
- Always use in pairs: one adapter on the junction box, one adapter on the distributor
- Metalised housing ensures durability of the T-adapter
- Only works with Fast Ethernet (10/100 MBit). Not applicable for Gigabit or with PoE
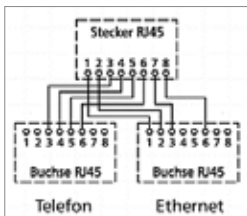
68909   Bulk

Goobay

Cable Splitter (Y-Adapter)

1:1 wiring, 1x 8-pin to 2x 8-pin

- Serves as an RJ45 port doubler, e. g. for a permanently laid 8-core cable
- LAN splitter divides 1x 8-wire network cable into 2x 4-wire network cables (up to 100 MBit/s)
- For structured cabling
- With FTP shielding, connections: 1x RJ45 plug and 2x RJ45 sockets (2x PIN 1-2-3-4-5-6-7-8)
- Network cable splitter with a cable length of approx. 15.0 cm and 1:1 assignment
- Supports PoE+ applications (IEEE 802.3at)

68911   Bulk

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.
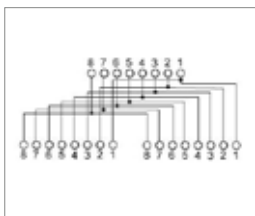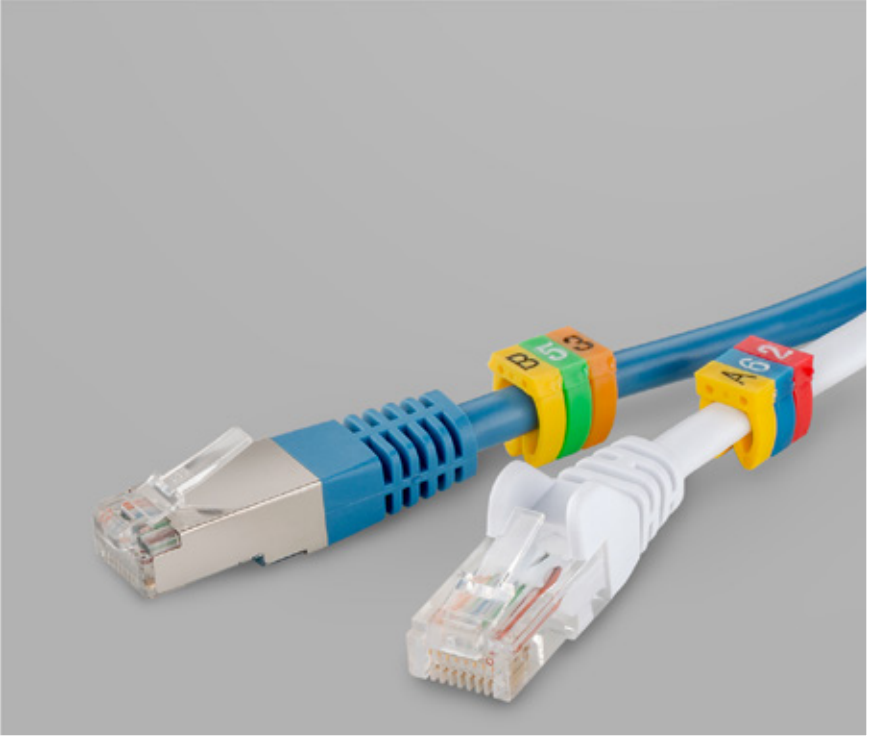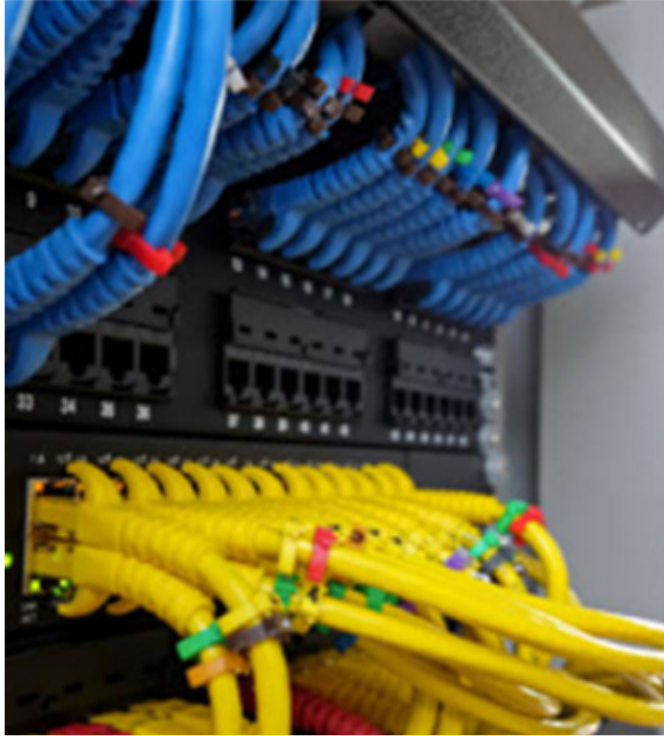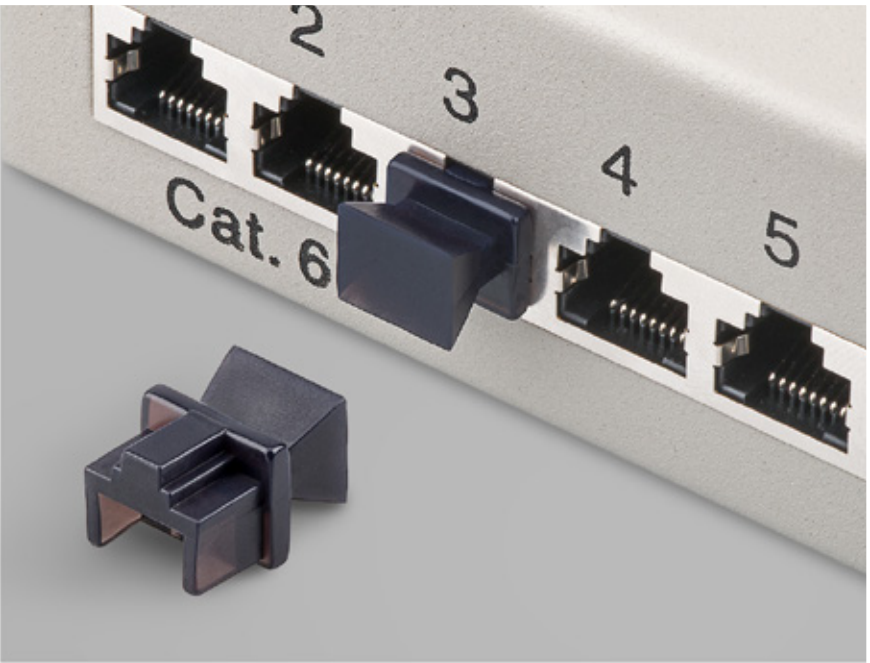
REMARKABLY SAFE
CABLE PROTECTORS & MARKERS

DUST COVERS
KEEPS RJ45, ISDN, NETWORK OUTLET
AND PATCH PANEL CLEAN

LATCH & NOSE PROTECTOR
PREVENTS CABLE SNAGGING AND
BREAKAGE OF LATCH LEVER AND LATCH

CLIP ON CABLE MARKER
WITH NUMBERS (0 TO 9) OR LETTERS (A, B, C)
FOR CABLE DIAMETERS FROM 2.5-6 MM²

Goobay

Strain Relief Boot for RJ45 Plugs
cable threading of 6.40 mm

- Sturdy bend protection sleeve made of PVC plastic for network plugs
- The grommet reliably protects the joint between the patch cable and the RJ45 connector, preventing cable breakage.
- With 6.40 mm cable entry
- Available in different colours for easy cable management

black	11216	Bulk
red	11217	Bulk
green	11218	Bulk
blue	11219	Bulk
yellow	11235	Bulk
grey	11236	Bulk

Goobay

Dust Cover for RJ45 Port
e. g. suitable for use in patch panels

- Protective plug for unused RJ45 sockets in network sockets and patch panels
- Dummy plugs to protect against dust, damage and dirt
- Practical protective cap made of robust plastic
- Small handle provides easy insertion and removal
- Set of 10x RJ45 dust protection plugs

50527	Bulk

Goobay

Dust Cover for RJ45 Plug
for direct use on the plug of a network cable

- Protective plug for unused network cables
- Dummy plugs to protect against dust, damage and dirt
- Practical protective cap made of robust plastic
- Set of 10x RJ45 dust protection plugs

72473	Bulk

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Goobay
Cable Marker Clips "Digits 0–9"
10x 10 coloured coding rings for labelling network cables

- Coloured cable tags with digits from 0 to 9 for marking and distinguishing e.g. Ethernet cables
- Cable markers help engineers and technicians identify and maintain cables
- Cable labels are commonly applied in cable ducts and bundles
- Cable markings can also be applied after the cables have been connected, allowing to label retrofitted network cables.
- The retaining clips protect the wire label from twisting and lock them in place (anti-twist protection).
- With their small pins and sockets, the cable marker tags can be easily connected to each other
- Set of 100 colour-coded wire markers for cable diameters of approx. 1.5 - 2.5 mm

2.50 mm	72513	Retail Polybag
4.00 mm	72514	Retail Polybag
6.00 mm	72515	Retail Polybag
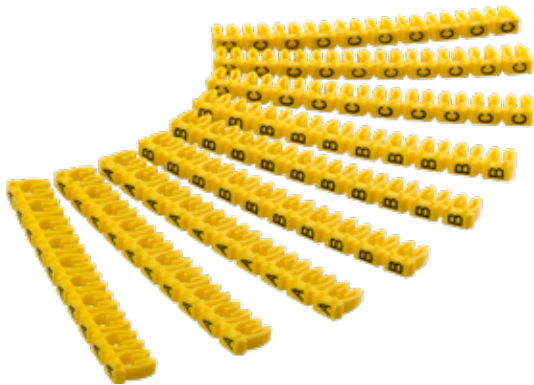
Goobay
Cable Marker Clips "Letters A–C"
3 x 30 coloured coding rings for labelling network cables

- Cable tags with letters from A to C for marking and distinguishing e.g. Ethernet cables
- Cable markers help engineers and technicians identify and maintain cables
- Cable labels are commonly applied in cable ducts and bundles
- Can also be applied after the cables have been connected, allowing to label retrofitted network cables.
- The retaining clips protect the wire label from twisting and lock them in place (anti-twist protection).
- With their small pins and sockets, the cable marker tags can be easily connected to each other
- Set of 90 colour-coded wire markers for cable diameters of approx. 1.5 - 2.5 mm

2.50 mm	72516	Retail Polybag
4.00 mm	72517	Retail Polybag
6.00 mm	72518	Retail Polybag

60 KEYSTONE TYPES

INDIVIDUAL & UNIVERSAL
KEYSTONES

VERSATILE: PLUG-IN CONNECTIONS CAN BE
INDIVIDUALLY COMBINED - JUST AS REQUIRED

SIMPLE SNAP-IN ASSEMBLY WITHOUT SOLDERING

MODULES FROM NETWORK TO USB TO ANTENNA

Keystone System

With the Keystone system, installation knows no limits.

In more and more areas of signal transmission, you have to be creative these days and constantly develop individual solutions to construct connections. The home entertainment sector continues to create new possibilities and to evolve further, which is why plug connectors need to be adapted.

The Keystone system offers a special advantage:
Each plug connection can be individually combined with another and the number of plugs individually varied.

Simple

no more laborious soldering or complex assembling of cable systems

Quick

a fast and simple solution for all connection requirements

Diverse

individual and diverse plug options for fixed cables and cable endpoints

Advantages of the Keystone System

Simple assembly
Thanks to snap-in assembly, no previous technical knowledge or laborious soldering is required.
One screwdriver alone is enough to mount the Keystone system.

Flexible despite fixture
Even when mounted in a Keystone bracket, the plugs can be rotated by up to 180 degrees thanks to the snap-in system. With flat housings, it is therefore possible to use the cable without bending the plug.

Exceptional diversity
Thanks to the versatile design, the Keystone connections can easily be disconnected from each other even after assembly and exchanged for other plugs any time.

NETWORK	OPTICAL FIBRE	USB
SAT / ANTENNA	RCA	ASSEMBLY
HDMI™	SPEAKERS	PANEL

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Standardisation and assembly

Standardised dimensions

Keystone module	Keystone mount
14.9 mm / 17 mm / 19.2 mm	14.9 mm / 17 mm / 19.2 mm
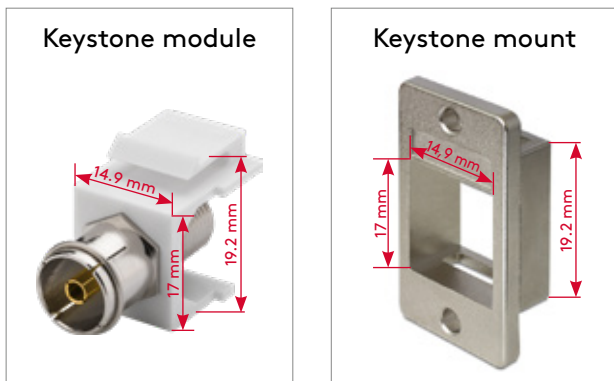
Depth of construction

When installing the various modules, attention to the different mounting and installation depths is key.

Installation depth

Module **with** mounting depth

Construction depth

Module **without** mounting depth

Front module   Rear module

Snap-in assembly

Snap the module into place at the top using the hook

Snap the module into place at the bottom using the latch

Keystone module with mount
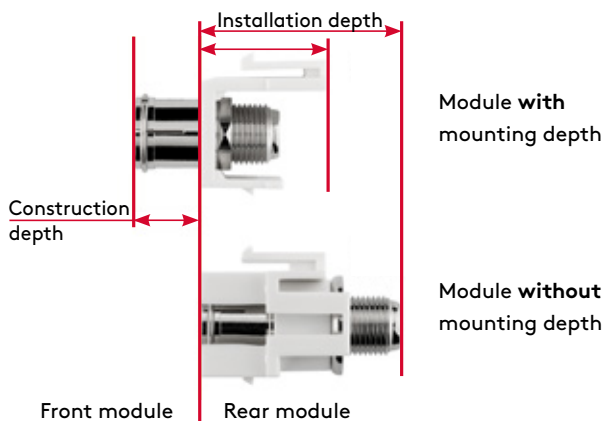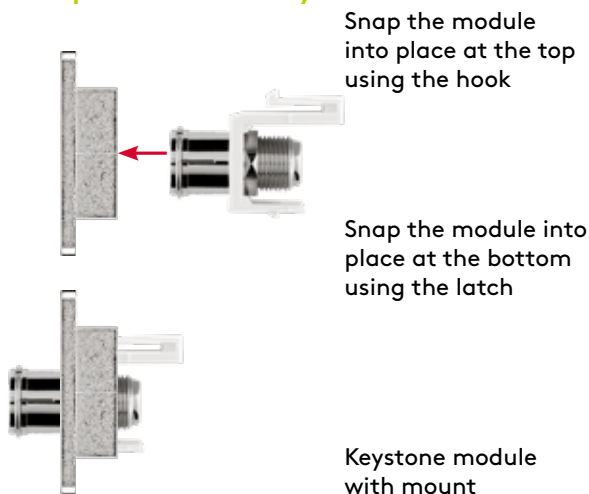
Tool-free cable assembly

Cable fixation by twisting (93826, 93827)
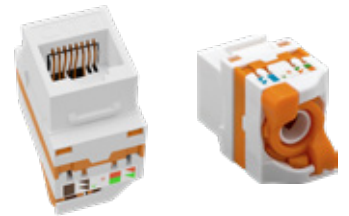
Untwisting

Opening
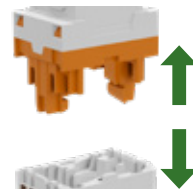
Cable threading

Wire mount

Close
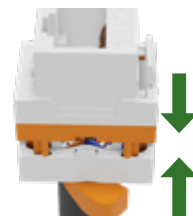
Srew in
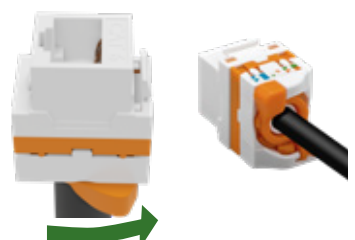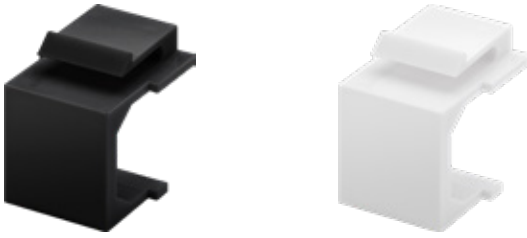
Goobay

Keystone Cover (pack of 4)
to be used as dust cover

- Protective plug for unused slots in patch panels
- Dummy plugs to protect against dust, damage and dirt
- Practical protective cap made of robust plastic
- Set of 4x dust protection covers
- Thanks to the snap-in system, the covers can be effortlessly snapped into the mounting frame

black	79990	Bulk
white	79816	Bulk

Goobay

Keystone Module RJ45 Coupler CAT 6A, STP
14.7 mm width, 2x RJ45 female (8P8C)

- RJ45 coupling for extending and connecting 2x network cables with RJ45 plugs
- RJ45 socket for easy snap-in mounting in Keystone patch panels with 24x ports, surface-mount box and Ethernet wall sockets
- Ethernet coupler with robust metal housing and STP shield for a perfect transmission of electrical or optical signals
- Commonly used in laboratories, workshops, home entertainment and network installations
- RJ45 sockets are suitable for PoE+ according to IEEE 802.3at
- CAT 6A socket with high-quality contacts and 1:1 pin assignment

90866 Bulk

Goobay

Keystone Module RJ45 Coupler CAT 6, STP
15.9 mm width, 2x RJ45 female (8P8C)

- RJ45 coupling for extending and connecting 2x network cables with RJ45 plugs
- RJ45 socket for easy snap-in mounting in Keystone patch panels with 24x ports, surface-mount box and Ethernet wall sockets
- Suitable for Keystone ports of 19.2 x 14.9 mm
- Ethernet coupler with robust metal housing and shielding for a perfect transmission of electrical or optical signals
- Commonly used in laboratories, workshops, home entertainment and network installations
- RJ45 sockets are suitable for PoE+ according to IEEE 802.3at
- CAT 6 socket with 3μ gold-plated contacts and 1:1 pin assignment

96100 Bulk

Goobay

Keystone Module RJ45 Coupler CAT 5e, STP

15.95 mm width, 2x RJ45 female (8P8C)

- RJ45 coupling for extending and connecting 2x network cables with RJ45 plugs
- For easy snap-in mounting in Keystone patch panels with up to 24 ports, Ethernet wall sockets and surface-mount boxes. Suitable for 19.2 x 14.9 mm Keystone ports
- Ethernet coupler with a robust metal housing and STP shield for a perfect transmission of electrical or optical signals
- Commonly used in laboratories, workshops, home entertainment and network installations
- RJ45 sockets are suitable for PoE+ according to IEEE 802.3at
- CAT 5e socket with 3µ gold-plated contacts
- RJ45 connections with 1:1 pin assignment

51444   Bulk

Goobay

Keystone Module RJ45 CAT 6A, STP, slim-line

14.7 mm width, crocodile type, for IDC connectors (toolless)

- RJ45 female connector with robust zinc-alloy housing for a perfect transmission of electrical or optical signals
- LAN socket with STP shield for interference-free signal transmission
- Commonly used in laboratories, workshops, home entertainment and network installations
- RJ45 socket for installation in Keystone patch panels with 24x ports and Ethernet wall sockets
- Suitable for 10 Gigabit Ethernet applications and Power over Ethernet (PoE+) according to IEEE 802.3at
- RJ45 socket for termination with CAT 6A cables
- RJ45 connections are TIA 568A/B colour-coded

79448   Bulk

Goobay

Keystone Module RJ45 CAT 6A, STP

17.3 mm width, butterfly type, for IDC connectors (toolless)

- RJ45 female connector with robust zinc-alloy housing for a perfect transmission of electrical or optical signals
- Suitable for 10 Gigabit Ethernet applications and Power over Ethernet (PoE+) according to IEEE 802.3at
- RJ45 socket for installation in Keystone patch panels with 24x ports and Ethernet wall sockets. Not suitable for Keystone mounting box 79355, 79366, 79376, 79379 and 79426
- RJ45 socket for termination with CAT 6A cables
- Commonly used in laboratories, workshops, home entertainment and network installations
- LAN socket with strain relief by cable tie
- RJ45 connections are TIA 568A/B colour-coded

95900   Bulk

Goobay
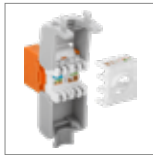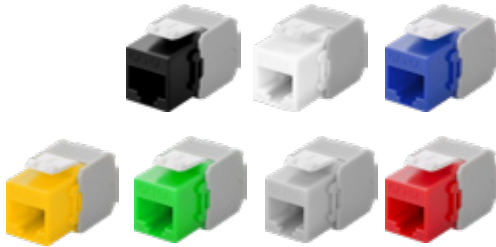
Keystone Module RJ45 CAT 6A, STP, 500 MHz, slim-line

16.3 mm wide, crocodile type, terminal strip for tool-free IDC mounting

- RJ45 female connector with robust zinc-alloy housing for a perfect transmission of electrical or optical signals
- Suitable for Power over Ethernet (PoE+) according to IEEE 802.3at, supports 10 Gigabit Ethernet applications
- RJ45 socket for installation in Keystone patch panels with 24x ports, Ethernet wall sockets and housings
- Commonly used in laboratories, workshops, home entertainment and network installations
- The Ethernet connector is only suitable for solid wire of 0.45 - 0.65 mm but not for stranded wire.
- CAT 6A socket with strain relief by cable tie
- RJ45 connections are TIA 568A/B colour-coded

90864 Bulk

Goobay

Keystone Module RJ45 CAT 6A, UTP

16.7 mm width, for IDC connectors (toolless), with rotating button

- RJ45 female connector with robust plastic housing (PC) for a perfect transmission of electrical or optical signals
- Suitable for Power over Ethernet (PoE+) according to IEEE 802.3at
- RJ45 socket for installation in Keystone patch panels with 24x ports, Ethernet wall sockets and housings
- Commonly used in laboratories, workshops, home entertainment and network installations
- Ethernet connector is only suitable for round cables with a max. cable diameter of 7.5 mm (AWG 22 -AWG 26)
- CAT 6 socket with phosphorous-bronze contacts
- RJ45 connections are TIA 568A/B colour-coded

93827 Bulk

Goobay

Keystone Module RJ45 CAT 6A, UTP

16.5 mm wide, crocodile type, terminal strip for tool-free IDC mounting

- RJ45 female connector with robust plastic housing for a perfect transmission of electrical or optical signals
- CAT 6A socket for Ethernet cables with an outer diameter of 5.0 - 9.0 mm
- Suitable for Power over Ethernet (PoE+) according to IEEE 802.3at
- RJ45 socket for installation in Keystone patch panels, Ethernet wall sockets and housings
- Commonly used in laboratories, workshops, home entertainment and network installations
- Ethernet connector for termination of solid wires of 0.48 - 0.65 mm (AWG 22 - 26)
- RJ45 connections are TIA 568A/B colour-coded

orange	90690	Bulk
black	90692	Bulk
white	90867	Bulk
blue	90688	Bulk
yellow	90691	Bulk
green	90687	Bulk
light grey	90693	Bulk
red	90689	Bulk
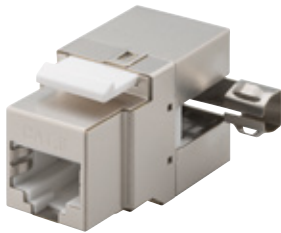
Goobay

Keystone Module RJ45 CAT 6, STP, 250 MHz

17.4 mm wide, for IDC connectors (toolless), 90° angled output

- RJ45 female connector with robust metal housing for a perfect transmission of electrical or optical signals
- Suitable for Power over Ethernet (PoE+) according to IEEE 802.3at
- LAN socket with STP shield for interference-free signal transmission
- Commonly used in laboratories, workshops, home entertainment and network installations
- RJ45 socket for installation in Keystone patch panels with 24x ports and Ethernet wall sockets
- RJ45 socket for termination with CAT 6 cables
- RJ45 connections are TIA 568A/B colour-coded

95901	Bulk
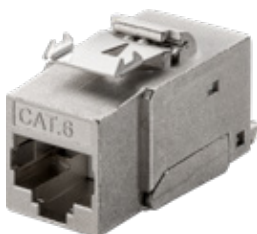
Goobay

Keystone Module RJ45 CAT 6, STP, 250 MHz

17.0 mm wide, crocodile type, terminal strip for tool-free IDC mounting, snap-in system

- RJ45 female connector with robust zinc-alloy housing for a perfect transmission of electrical or optical signals
- CAT 6 socket with strain relief by cable tie
- Suitable for Power over Ethernet (PoE+) according to IEEE 802.3at
- RJ45 socket for installation in Keystone patch panels with 24x ports, Ethernet wall sockets and housings
- Commonly used in laboratories, workshops, home entertainment and network installations
- Ethernet connector is not suitable for stranded wire
- RJ45 connections are TIA 568A/B colour-coded

90863	Bulk

Goobay

Keystone Module RJ45 CAT 6, UTP, 250 MHz

16.6 mm width, for IDC connectors (toolless), with rotating button

- RJ45 female connector with robust plastic housing (PC) for a perfect transmission of electrical or optical signals
- Suitable for Power over Ethernet (PoE+) according to IEEE 802.3at
- RJ45 socket for installation in Keystone patch panels with 24x ports, Ethernet wall sockets and housings
- Commonly used in laboratories, workshops, home entertainment and network installations
- Ethernet connector is only suitable for round cables with a max. cable diameter of 7.5 mm (AWG 22 - AWG 26)
- CAT 6 socket with phosphorous-bronze contacts
- RJ45 connections are TIA 568A/B colour-coded

93826　Bulk

Goobay

Keystone Module RJ45 CAT 6, UTP, 250 MHz

16.7 mm wide, for IDC connectors (toolless)

- RJ45 female connector with robust plastic housing (ABS) for a perfect transmission of electrical or optical signals
- Suitable for Power over Ethernet (PoE+) according to IEEE 802.3at
- RJ45 socket for installation in Keystone patch panels with 24x ports, Ethernet wall sockets and housings
- Commonly used in laboratories, workshops, home entertainment and network installations
- RJ45 connections are TIA 568A/B colour-coded

95740　Bulk

Goobay

Keystone Module RJ45 CAT 6, UTP, 250 MHz

16.2 mm width, for IDC connectors (toolless), snap-in

- RJ45 female connector with robust plastic housing (ABS) for a perfect transmission of electrical or optical signals
- Suitable for Power over Ethernet (PoE+) according to IEEE 802.3at
- RJ45 socket for installation in Keystone patch panels with 24x ports, Ethernet wall sockets and housings
- Commonly used in laboratories, workshops, home entertainment and network installations
- RJ45 socket can be terminated with CAT 6 cables
- RJ45 connections are TIA 568A/B colour-coded

95742　Bulk

Goobay

Keystone Module RJ45 CAT 5e, UTP, 100 MHz
20 mm wide, for IDC connectors (toolless)

- RJ45 female connector with robust plastic housing (PC) for a perfect transmission of electrical or optical signals
- Suitable for Power over Ethernet (PoE+) according to IEEE 802.3at
- RJ45 socket for installation in Keystone patch panels with 24x ports, Ethernet wall sockets and housings
- Commonly used in laboratories, workshops, home entertainment and network installations
- CAT 5e socket with 3µ gold-plated contacts for an ideal transmission speed
- RJ45 connections are TIA 568A/B colour-coded

95738   Bulk

Goobay

Keystone Module RJ45 CAT 5e, UTP, 100 MHz
18.11 mm wide, for IDC connectors (toolless), Snap-In system

- RJ45 female connector with robust plastic housing (ABS) for a perfect transmission of electrical or optical signals
- Suitable for Power over Ethernet (PoE+) according to IEEE 802.3at
- RJ45 socket for installation in Keystone patch panels with 24x ports, Ethernet wall sockets and housings
- Commonly used in laboratories, workshops, home entertainment and network installations
- CAT 5e RJ45 connections are TIA 568A/B colour-coded

95739   Bulk

Goobay

HDMI™ Keystone Module with 2x HDMI™ Females
HDMI™ A socket > HDMI™ A socket

- HDMI™ adapter with robust plastic housing for a perfect transmission of digital signals
- Keystone module with 2x HDMI™ sockets for connecting HDMI™ cables laid in the wall
- For installation in Keystone patch panels with 24x ports, Ethernet wall sockets and housings
- HDMI™ type A sockets with gold-plated connectors and 19-pin receptacle

90856   Bulk
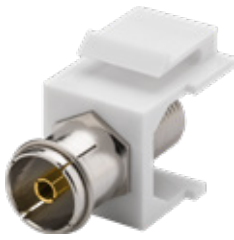
Goobay

Keystone Module SAT/Antenna, Flush Mount

16.2 mm width, coaxial female > F female

- Made of robust plastic housing for a long life service
- Aerial connector for installation in Keystone patch panels, Ethernet sockets and housings
- Usage e. g. in laboratories, workshops, home entertainment and network installations
- Antenna cable connection with 75 Ohm impedance
- Easy snap-in mounting

79936   Bulk

Goobay

Keystone Module SAT/antenna, flush mount

18.9 mm width, coaxial female > F female

- Made of robust plastic housing for a long life service
- Aerial connector for installation in Keystone patch panels, Ethernet sockets and housings
- Usage e. g. in laboratories, workshops, home entertainment and network installations
- Antenna cable connection with 75 Ohm impedance
- Easy snap-in mounting
- F socket for flush installation without installation depth

79933   Bulk

Goobay

Keystone Module SAT/Antenna

16.2 mm width, coaxial male > F female

- Made of robust plastic housing for a long life service
- Aerial connector for installation in Keystone patch panels, Ethernet sockets and housings
- Usage e. g. in laboratories, workshops, home entertainment and network installations
- Antenna cable connection with 75 Ohm impedance
- Easy snap-in mounting
- F socket for connecting an aerial cable

79955   Bulk

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Goobay

Keystone Module SAT/Antenna, Flush Mount

18.9 mm width, coaxial male > F female

- Made of robust plastic housing for a long life service
- Aerial connector for installation in Keystone patch panels, Ethernet sockets and housings
- Usage e. g. in laboratories, workshops, home entertainment and network installations
- Antenna cable connection with 75 Ohm impedance
- Easy snap-in mounting
- F socket for flush installation without installation depth
- With gold-plated contacts for a perfect signal transmission

79938   Bulk
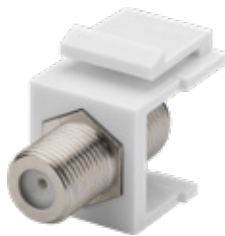
Goobay

Keystone Module SAT/Antenna

16.2 mm width, F female > F female

- Made of robust plastic housing for a long life service
- Aerial connector for installation in Keystone patch panels, Ethernet sockets and housings
- Usage e. g. in laboratories, workshops, home entertainment and network installations
- Antenna cable connection with 75 Ohm impedance
- Easy snap-in mounting
- F socket for connecting an aerial cable

79474   Bulk
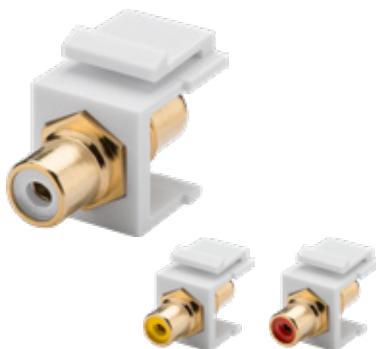
Goobay

Keystone Cinch/RCA Module

16.2 mm width, 2x RCA female, gold-plated

- 2x RCA sockets for connecting audio cables
- Made of robust plastic housing for a long service life
- RCA connector for installation in Keystone patch panels, Ethernet sockets and housings
- Usage e. g. in laboratories, workshops, home entertainment and network installations
- RCA plug with easy snap-in mounting
- With gold-plated contacts for a perfect signal transmission

white	79676	Bulk
yellow	79672	Bulk
red	79669	Bulk
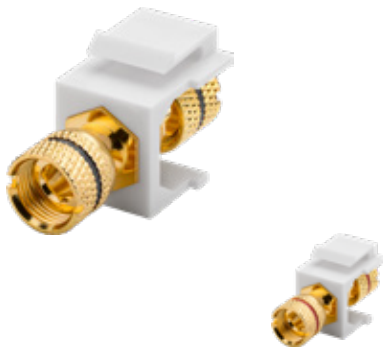
Goobay

Keystone Module Speaker

16.2 mm width, pole terminal > insert nut

- Banana socket for connecting speaker cables
- Made of robust plastic housing for a long service life
- Speaker connector for installation in Keystone patch panels, Ethernet sockets and housings
- Usage e. g. in laboratories, workshops, home entertainment and network installations
- Banana plug with easy snap-in mounting
- Gold-plated contacts for minimal transmission resistance and a clear sound

black	79476	Bulk
red	79484	Bulk

Goobay

KeyStone USB Module

17.2 mm width, 2 USB 2.0 female (type A)

- 2x USB 2.0 sockets type A for connecting USB cables
- Made of robust plastic housing for a long service life
- USB connector for installation in Keystone patch panels, Ethernet sockets and housings
- Usage e. g. in laboratories, workshops, home entertainment and network installations
- USB A plug with easy snap-in mounting

79909	Bulk

Goobay

Keystone USB Module, Equipped for Two-Way Installation

16.9 mm width, USB 2.0 female (type A)

- 1x USB 2.0 socket type A and 1x USB 2.0 socket type B for connecting USB cables
- Made of robust plastic housing for a long service life
- USB connector for installation in Keystone patch panels, Ethernet sockets and housings
- Usage e. g. in laboratories, workshops, home entertainment and network installations
- USB A plug with easy snap-in mounting

79930	Bulk

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

Goobay

KeyStone USB Module

18.3 mm width, 2 USB 3.0 female (type A)

- 2x USB 3.0 sockets type A for connecting USB cables
- Made of robust plastic housing for a long service life
- USB connector for installation in Keystone patch panels, Ethernet sockets and housings
- Usage e. g. in laboratories, workshops, home entertainment and network installations
- USB A plug with easy snap-in mounting

79927   Bulk

Goobay

KeyStone Fibre Optic Cable Module

17.2 mm width, 2 ST-Simplex female

- Made of robust plastic housing for a long service life
- Optical fibre socket for installation in Keystone patch panels, Ethernet sockets and housings
- Usage e. g. in laboratories, workshops, home entertainment and network installations
- Fibre optic connection with easy snap-in mounting
- High-quality contacts guarantee an excellent and powerful network connection
- ST simplex connector to link fibre optic cables

80003   Bulk
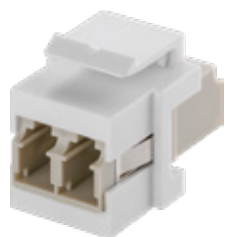
Goobay

KeyStone Fibre Optic Cable Module

17.2 mm width, 2 LC-Duplex female

- Made of robust plastic housing for a long service life
- Optical fibre socket for installation in Keystone patch panels, Ethernet sockets and housings
- Usage e. g. in laboratories, workshops, home entertainment and network installations
- Fibre optic connection with easy snap-in mounting
- High-quality contacts guarantee an excellent and powerful network connection
- High-quality LC duplex connector to link fibre optic cables

80000   Bulk
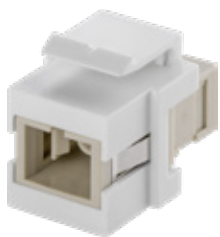
Goobay

KeyStone Fibre Optic Cable Module

17 mm width, 2 SC-Simplex female

- Made of robust plastic housing for a long service life
- Optical fibre socket for installation in Keystone patch panels, Ethernet sockets and housings
- Usage e. g. in laboratories, workshops, home entertainment and network installations
- Fibre optic connection with easy snap-in mounting
- High-quality contacts guarantee an excellent and powerful network connection
- SC simplex connector to link fibre optic cables

80017   Bulk

Goobay

Keystone Holder/Bezel for Device Installation

Suitable for 19.2 x 14.9 mm Keystone port

- The Keystone frame can be installed in housings and is suitable for easy snap-in mounting of individual Keystone modules.
- Integrated labelling field for clear structuring of the connectors
- Keystone mount made of robust die-cast zinc
- Comes with 2 pilot holes for fastening with screws at a distance of 28.9 mm
- Scope of delivery includes 2x screws for fastening
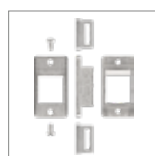
79883   Bulk

Goobay

19 inch (48.3 cm) Keystone Blank Patch Panel Empty Case (1 HE)

for 24x Keystone modules

- 24-port patch panel empty housing for equipping RJ45 sockets and connecting terminated network cables
- 19-inch distributor for easy snap-in mounting of 24x Keystone modules (not included)
- Patch panel incl. fixing screws for rack mounting or mounting in server cabinets (48.3 cm)
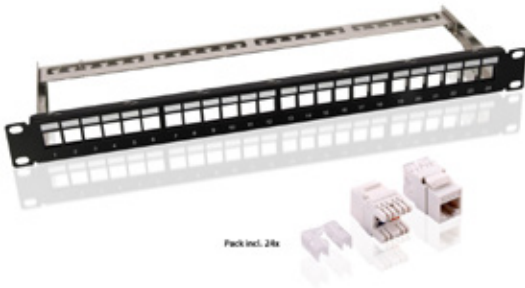- Distribution panel with numbered ports and labelling area for ideal cable organisation

95743   Bulk

Goobay

19 inch (48.3 cm) Keystone Patch Panel Pack (1 HE)

incl. 24x CAT 6 modules (UTP)

- 24-port patch panel empty housing for equipping RJ45 sockets and connecting terminated network cables
- 19-inch distributor for easy snap-in mounting of 24x Keystone modules (included)
- Patch panel incl. fixing screws for rack mounting or mounting in server cabinets (48.3 cm)
- Terminals with TIA 568 A/B color code

95336   Bulk

Goobay

Keystone Empty Housing
with easy snap-in assembly

- Distributor for easy snap-in mounting of 1x | 2x | 4x | 6x | 8x Keystone module (not included in scope of delivery)
- Empty housing for equipping with e. g. RJ45 sockets and for connecting network cables
- Used, for example, in laboratories and workshops, in home entertainment and in network installations
- Patch panel incl. fixing screws and cable tie for mounting on wall and desktop
- Port with 180° cable routing

1 port	2 port	4 port	6 port	8 port
79355 Bulk	79366 Bulk	79376 Bulk	79379 Bulk	79426 Bulk
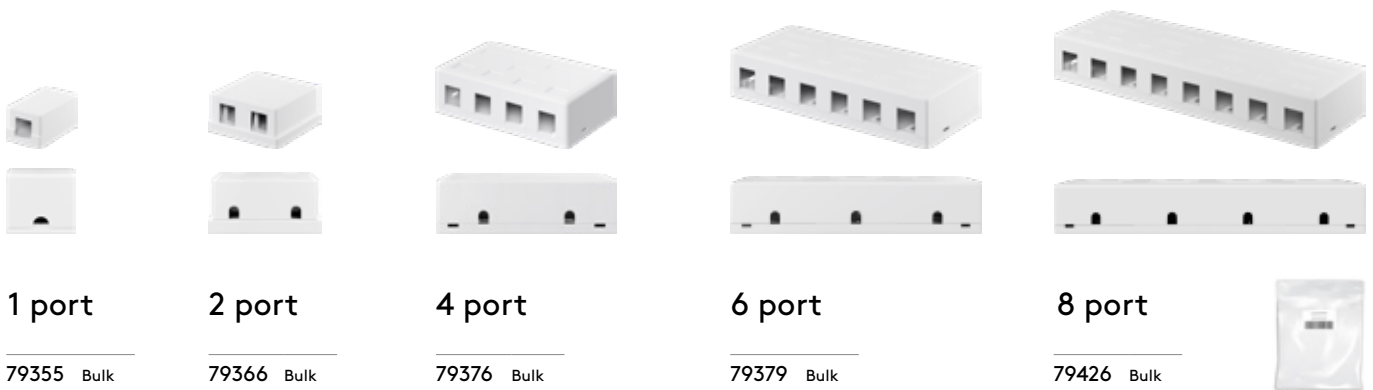
Goobay

Faceplate to Mount Keystone Sockets
for 2x RJ45 snap-in modules

- Ethernet wall socket with 2x ports for Keystone RJ45 sockets
- May be used as a flush-mounted box or surface-mounted box
- Thanks to the snap-in system, the Keystone modules can be effortlessly snapped into the mounting frame
- The modules can be easily removed from the data socket and exchanged with other connectors.
- RJ45 wall socket with dust protection caps for a reliable internet connection
- Thanks to the simple design, the RJ45 faceplate is ideally suited for offices, living rooms or hobby areas.
- 2-port Ethernet wall box with white outer frame sized 80 x 80 mm. Surface mounting frame not included in the scope of delivery.

95902   Bulk

Goobay

Keystone On-wall Mounting Frame
suitable for Keystone faceplate 80x80 2 port/3port

- The surface-mounted housing is compatible with a 2-port Ethernet wall socket for Keystone RJ45 connectors.
- May be used as a flush-mounted box or surface-mounted box
- Housing for Keystone Ethernet wall box with an outer frame of 80 x 80 mm
- Scope of delivery includes 2x screws for fastening

96502   Bulk

60 CABLE MANAGEMENT TYPES
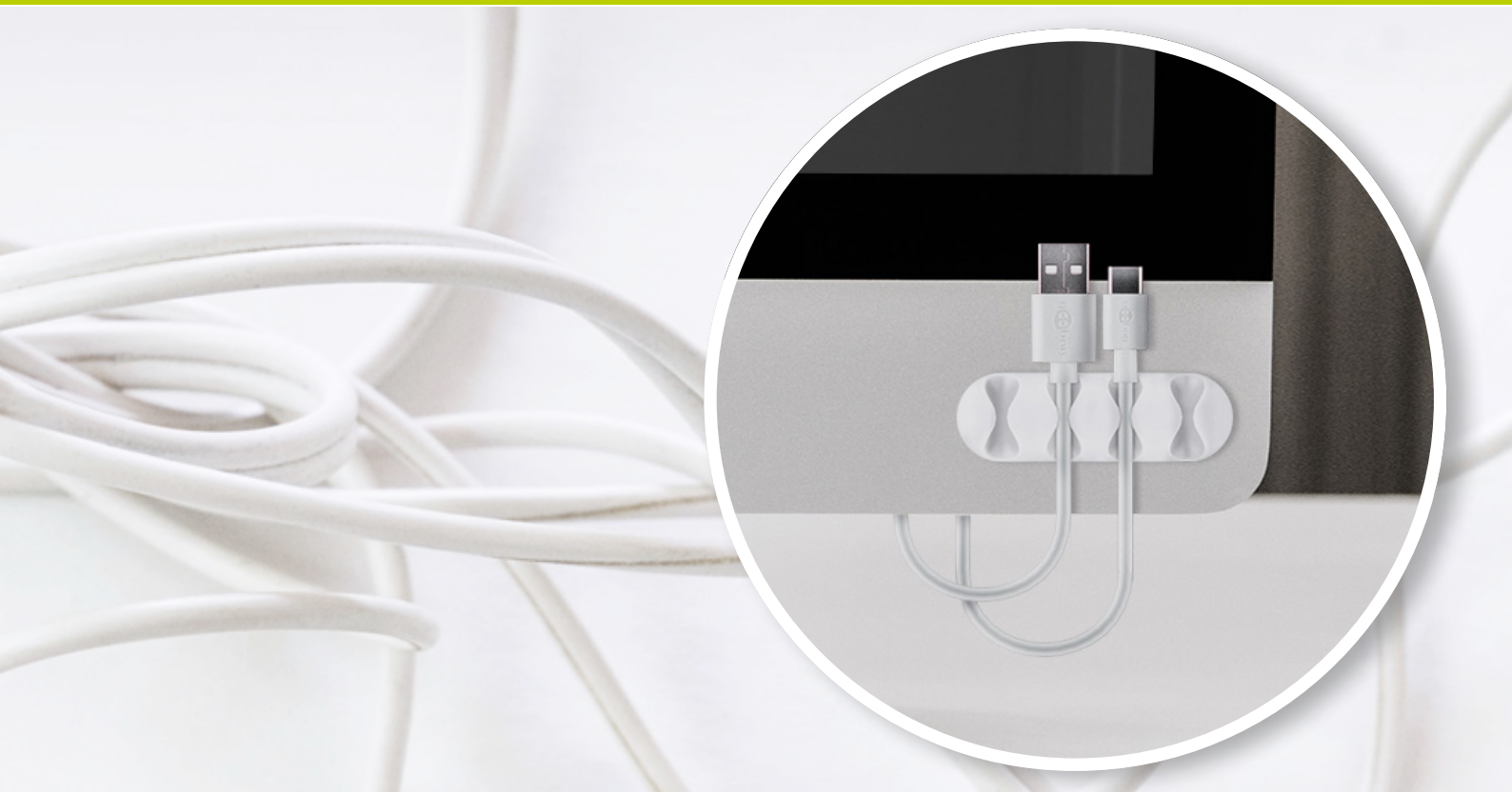
3M

EASY & RELIABLE
CABLE MANAGEMENT

FLEXIBLE SLOTS AND CLIPS

ORGANISE CABLES EASILY

AVOID DAMAGE TO CABLES

WITH 3M ADHESIVE SURFACE FOR LONG, RELIABLE HOLD

CAN ALSO BE USED IN THE CAR

Cable management made easy.
Now with new packaging design.

Despite the advent of WiFi and Bluetooth, a wide variety of cables indispensable to the modern office continues to accumulate behind and on the desk. To company, small office (SOHO) and personal use the following applies: Cable management systems prevent tangled cables and **ensure tidy and risk-free working.**

Safety at work
Goobay's flexible slots and clips are ideal to avoid accidents and work accidents as well as damage to the cable.

Simple and safe installation
The durable and strong 3M adhesive surface provides reliable hold - at home, at work and even in the car!

Simplified cleaning
Well-organised cable connections not only look more professional, they also prevent dust and dirt from accumulating.

Point of Sale Support

If you aim to sell cables, you better straighten out your display right away.
By creating a second placement in stores and offering products online as cross-selling items, you can easily generate additional revenues.
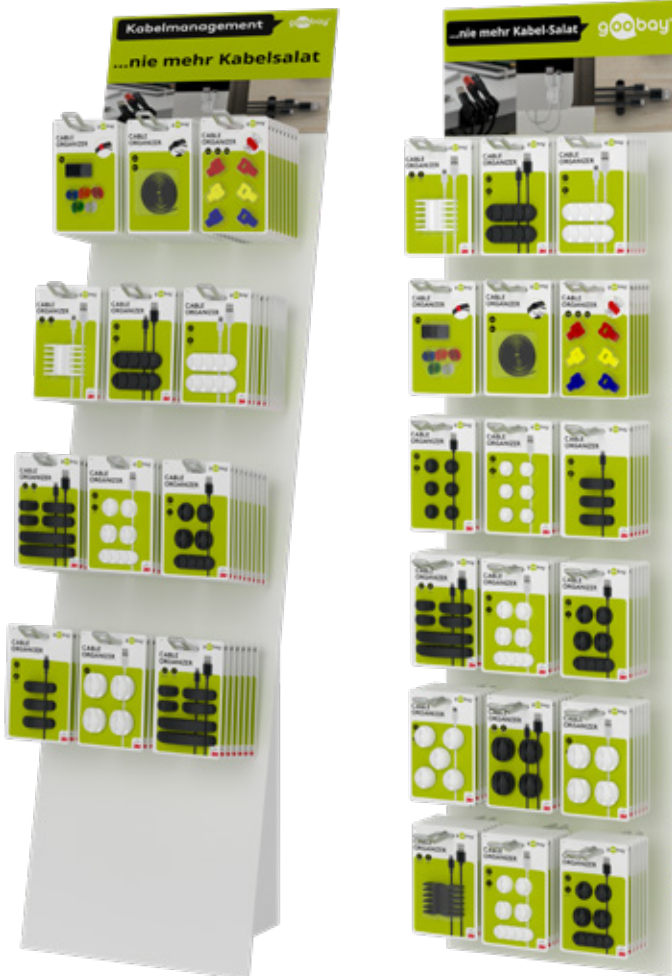
POS Displays   Hanging Display   Desk Display*

*To be confirmed

We support you with our creative POS ideas
- to place the products exactly where they will stand out
- because as a good means of advertising, they help to guide customers' attention
- so that you can offer a wide range of products at the POS

Variable stacking is possible.

**strong
self-adhesive**

3M

Goobay

Cable Management Set

5-piece set for organising and attaching cables; removable

- The Goobay cable tidy holder for desks keeps your office and your home neat and tidy.
- The wire holders in a set of 5 are suitable for cables with different diameters, e.g. charging cables, power cables and USB cables.
- Self-adhesive cable clips can be attached directly to a desk, monitor, TV bench or shelf.
- The cable management clips prevent loose cables from slipping and twisting.
- Easy to mount thanks to strong 3M adhesive surface
- Cable holder can be removed without leaving any adhesive residue
- Cable organiser set consisting of:
  - 1x 1 slot for cable Ø max. 7.8 mm
  - 1x 2 slots for cable Ø max. 6.13 mm
  - 1x 2 slots for cable Ø max. 5.5 mm
  - 1x 3 slots for cable Ø max. 5.4 mm
  - 1x 5 slot for cable Ø max. 5.41 mm

black	70683	Retail Blister
white	70681	Retail Blister

**strong
self-adhesive**

3M

Goobay

Cable Management 1 Slot

5-piece set for organising and attaching cables; removable

- Goobay cable tidy holder for desks keeps your office and your home neat and tidy.
- The wire holders in a set of 5 are suitable for e.g. charging cables, power cables and USB cables with a maximum diameter of 7.8 mm.
- Self-adhesive cable clips can be attached directly to a desk, monitor, TV bench or shelf.
- The cable management clips prevent loose cables from slipping and twisting.
- Easy to mount thanks to strong 3M adhesive surface
- Cable holder can be removed without leaving any adhesive residue

black	95040	Retail Blister
white	95183	Retail Blister

strong self-adhesive

Goobay

Cable Management 2 Slots

6-piece set for organising and attaching cables; removable

- Goobay cable tidy holder for desks keeps your office and your home neat and tidy.
- Due to their small design, the wire holders in a set of 6 are particularly suitable for mobile phone charging cables with a maximum diameter of 5.3 mm.
- Self-adhesive cable clips can be attached directly to a desk, monitor, TV bench or shelf.
- The cable management clips prevent loose cables from slipping and twisting.
- Easy to mount thanks to strong 3M adhesive surface
- Cable holder can be removed without leaving any adhesive residue

black	70362	Retail Blister
white	70364	Retail Blister

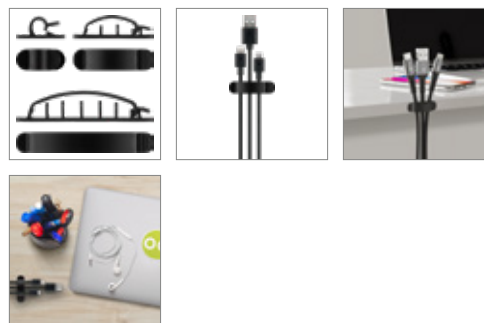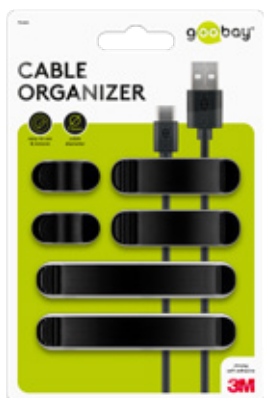**strong self-adhesive**

Goobay

Cable Management 3 Slots

4-piece set for organising and attaching cables; removable

- Goobay cable tidy holder for desks keeps your office and your home neat and tidy.
- The wire holders in a set of 4 are suitable for e.g. charging cables and USB-C™ cables with a maximum diameter of 5.4 mm.
- Self-adhesive cable clips can be attached directly to a desk, monitor, TV bench or shelf.
- The cable management clips prevent loose cables from slipping and twisting.
- Easy to mount thanks to strong 3M adhesive surface
- Cable holder can be removed without leaving any adhesive residue

black	70398	Retail Blister
white	70373	Retail Blister

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

strong self-adhesive

Goobay

Cable Management 4 Slots

2-piece set for organising and attaching cables; removable

- Goobay cable tidy holder for desks keeps your office and your home neat and tidy.
- The wire holders in a set of 2 are suitable for e.g. charging cables, power cables and USB-C™ cables with a maximum diameter of 6.2 mm.
- Self-adhesive cable clips can be attached directly to a desk, monitor, TV bench or shelf.
- The cable management clips prevent loose cables from slipping and twisting.
- Easy to mount thanks to strong 3M adhesive surface
- Cable holder can be removed without leaving any adhesive residue

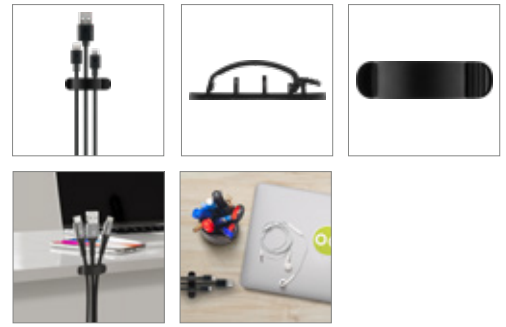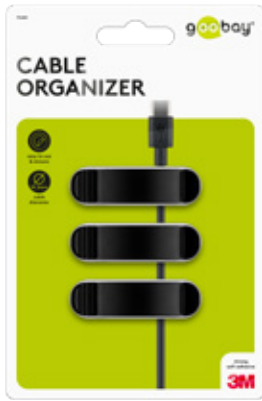| black	70406	Retail Blister
white	70400	Retail Blister

strong self-adhesive

Goobay

Cable Management Clip Set

6-piece set for organising and attaching cables; removable

- The Goobay cable tidy holder for desks keeps your office and your home neat and tidy.
- The wire holders in a set of 6 are suitable for cables with different diameters, e.g. charging cables, power cables and USB-C™ cables.
- Self-adhesive cable clips can be attached directly to a desk, monitor, TV bench or shelf.
- The cable management clips prevent loose cables from slipping and twisting.
- Easy to mount thanks to strong 3M adhesive surface
- Cable holder can be removed without leaving any adhesive residue
- Cable organiser set consisting of:
  - 2x 1 slot for cable Ø max. 7.5 mm
  - 2x 6 slots for cable Ø max. 10.3 mm
  - 2x 6 slots for cable Ø max. 10.8 mm

black	70684	Retail Blister

strong self-adhesive
3M

Goobay

Cable Management Clip 3 Slots

3-piece set for organising and attaching cables; removable

- The Goobay cable tidy holder for desks keeps your office and your home neat and tidy.
- The wire holders in a set of 3 are suitable for e.g. charging cables, power cables and USB-C™ cables with a diameter of 8.8-10.3 mm.
- Self-adhesive cable clips can be attached directly to a desk, monitor, TV bench or shelf.
- The cable management clips prevent loose cables from slipping and twisting.
- Easy to mount thanks to strong 3M adhesive surface
- Cable holder can be removed without leaving any adhesive residue

black	70685	Retail Blister

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strong self-adhesive
3M

Goobay

Cable Management 5 Slots

2-piece set for organising and attaching cables; removable

- Goobay cable tidy holder for desks keeps your office and your home neat and tidy.
- The wire holders in a set of 2 are suitable for e.g. charging cables, power cables and USB-C™ cables with a maximum diameter of 7.1 mm.
- Self-adhesive cable clips can be attached directly to the edge of the desk.
- The cable management clips prevent loose cables from slipping and twisting.
- Easy to mount thanks to strong 3M adhesive surface
- Cable holder can be removed without leaving any adhesive residue

black	70433	Retail Blister
white	70431	Retail Blister

Goobay

Cable Management Set with Hook-and-Loop Fastener with Loop

6-piece set for organising and attaching cables

- The Goobay cable tidy holder in 3 different colours keeps your office and your home neat and tidy.
- The hook-and-loop cable ties in a set of 6 make it easy to bundle and fix various cables, hoses, pipes and wires.
- The cable management straps prevent loose cables from slipping and twisting.
- The practical touch fasteners for cables can easily be opened and reused at any time.
- Thanks to high-quality micro hooks and a dense synthetic fibre, the hook-and-loop cable management provides reliable adhesion.
- Cable organiser set with cable ties in different sizes:
  - 2x red = 10 x 1 cm
  - 2x yellow = 15 x 1 cm
  - 2x blue = 20 x 1 cm

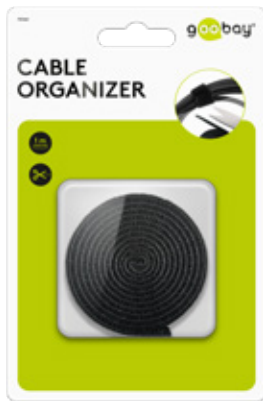**70687** Retail Blister

Goobay

Cable Management Set with Hook-and-Loop Fastener

6-piece set for organising and attaching cables

- The Goobay cable tidy holder in 6 different colours keeps your office and your home neat and tidy.
- The hook-and-loop cable ties in a set of 6 make it easy to bundle and fix various cables, hoses, pipes and wires.
- The cable management straps prevent loose cables from slipping and twisting.
- The practical touch fasteners for cables can easily be opened and reused at any time.
- Thanks to high-quality micro hooks and a dense synthetic fibre, the hook-and-loop cable management provides reliable adhesion.

**70350** Retail Blister

Goobay

Cable Management Set with Hook-and-Loop Fastener Roll (1 m)

for organising and attaching cables, adjustable length

- The Goobay cable tidy holder keeps your office and your home neat and tidy.
- The hook-and-loop cable tie makes it easy to bundle and fix various cables, hoses, pipes and wires.
- The cable management straps prevent loose cables from slipping and twisting.
- The tape roll (100 x 2 cm) can be easily cut to the length you need.
- The practical touch fasteners for cables can be easily opened and reused at any time.
- Thanks to high-quality micro hooks and a dense synthetic fibre, the hook-and-loop cable management provides reliable adhesion.

70360 Retail Blister
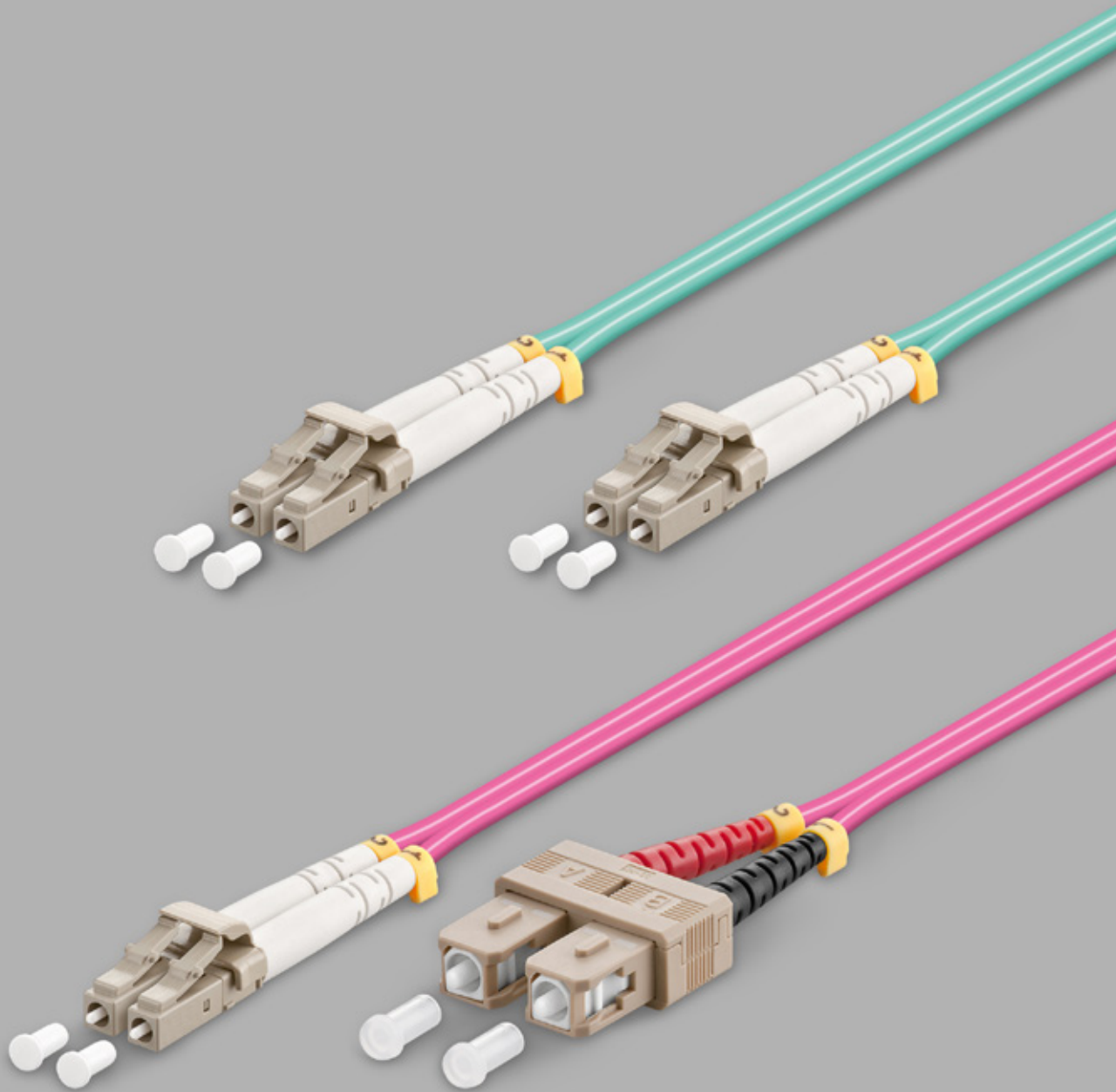
ULTRA-FAST
OPTICAL FIBRE CABLES

DATA TRANSMISSION AT LIGHT SPEED

DESIGNED FOR THE OFFICE, THE INDUSTRY AND DATA CENTRES

DUPLEX MULTIMODE OM3 OR OM4 FIBRES

CONNECTOR VARIETY IN VARIOUS COMBINATIONS
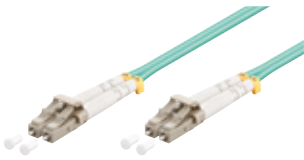
LC/SC TYPES

LENGTHS IN METRES: 0.5-20

The key facts about fibre-optic cables

A fibre-optic cable (FOC) transmits data using optical signals. In copper wires, electrical signals move from one end to the other as electrons; in fibre-optic cables, this function is carried out by photons.

Advantages and disadvantages compared to CAT cables

> FOCs can cover large distances up to 2.000 m without amplifiers
> They provide a bandwidth of up to 100 Gbit/s and in this respect are superior to any other cable or radio system
> FOCs are resistant to electromagnetic interference (EMI) and can therefore be installed as close as desired to other data lines
> Thanks to their plastic core (polymer optical fibres) and the fact that they do not need shielding, FOCs are especially light and thin
> In FOCs, data packets are transmitted at light speed (300,000 kph) and have very low cable propagation times
> FOCs are more sensitive than CAT cables and can be damaged much more easily, especially by kinking
> The installation of FOCs requires greater know-how and more extensive technical equipment
> The initial costs for components and installation of a FOC network – including the test devices, switches, and the cables themselves – are higher
> In contrast to CAT cables, there are many different connector types with FOC patch cables - Goobay offers the most frequently used combinations from stock

Transfer rate	Fibre type					
	Multimode					Singlemode
	OM1	OM2	OM3	OM4	OM5	OS1 / OS2
100 Mbit/s	up to 2,000 m	up to 2,000 m	up to 2,000 m	up to 2,000 m	up to 2,000 m	up to 10,000 m
1 Gbit/s	up to 500 m	up to 550 m	up to 550 m	up to 1,000 m	up to 1,000 m	up to 5,000 m
10 Gbit/s	up to 30 m	up to 80 m	up to 300 m	up to 550 m	up to 550 m	up to 10,000 m
40 Gbit/s			up to 100 m	up to 125 m	up to 440 m	up to 10,000 m
100 Gbit/s			up to 70 m	up to 100 m	up to 150 m	up to 10,000 m

Goobay

Fibre Optic Cable, Multimode (OM3) Aqua

Fibre optic cable (FOC), LC-UPC male > LC-UPC male,
halogen-free cable sheath (LSZH)

- Connection and patch cable terminated on both ends with fibre optic connectors to link network components
- The high-quality optical fibre provides an excellent and powerful Ethernet connection.
- Fibre Ethernet cables are used for network cabling in server rooms and data centres, in telecommunications technology as well as in the industry
- Stable, halogen-free cable sheathing (LSZH) protects the optical fibre cable in case of fire and provides long functional maintenance
- LC to LC fibre cable is equipped with removable dust caps
- Bend protection and stable sheathing effectively protect the fibre optic cable from breakage
- Fibre cable is supplied with a test report

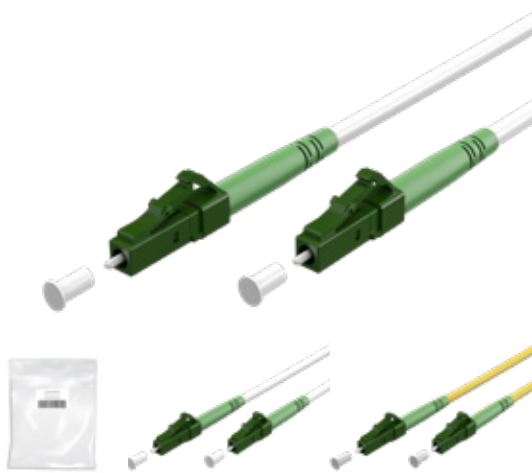| Version	Multimode (OM3) Aqua
Cable length	LC/LC
	Bulk
0.50 m	95750
1.00 m	95751
2.00 m	93385
3.00 m	95752
5.00 m	95753
7.50 m	95754
10.00 m	95755
15.00 m	95756
20.00 m	95757

15 OPTICAL FIBRE – OM4 DUPLEX

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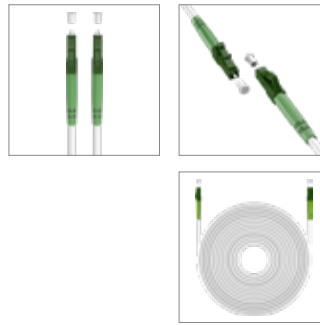## Fibre Optic Cable, Multimode (OM4) Violett

Fibre optic cable (FOC), LC-UPC | LC-UPC male > LC-UPC | SC-UPC male, halogen-free cable sheath (LSZH)

- Connection and patch cable terminated on both ends with fibre optic connectors to link network components
- The high-quality optical fibre provides an excellent and powerful Ethernet connection.
- Fibre Ethernet cables are used for network cabling in server rooms and data centres, in telecommunications technology as well as in the industry
- Stable, halogen-free cable sheathing (LSZH) protects the optical fibre cable in case of fire and provides long functional maintenance
- LC to LC fibre cable is equipped with removable dust caps
- Bend protection and stable sheathing effectively protect the fibre optic cable from breakage
- Fibre cable is supplied with a test report

Version	Multimode (OM4) violet	
Cable length	LC-UPC> LC-UPC	LC-UPC> SC-UPC
	Bulk	Bulk
0.50 m	95933	95942
1.00 m	95934	95943
2.00 m	95935	95944
3.00 m	95936	95945
5.00 m	95937	95946
7.50 m	95938	95947
10.00 m	95939	95948
15.00 m	95940	95949
20.00 m	95941	95950

Please refer to order-codes when placing an order. Illustration and packaging similar. Changes and errors excepted.
Other products on request.

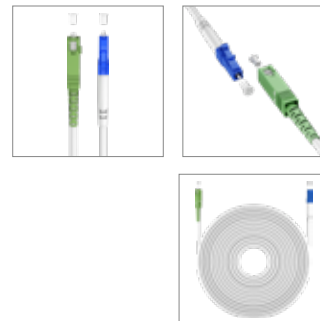| Connection, type	LC-APC male
Connection 2, type	LC-APC male
Cable type	Simplex cable
FOC core diameter	9 μ
FOC sheath diameter	125 μ
Cable sheath diameter (approx.)	3 mm
Wave length	1310 mm
Cable fibre type	Fibre optic G657.A2
Specification	Single mode (OS2)
Kink protection	yes
Bending radius installation	30 mm
LSZH conform	yes
Operating temperature from	-40°C
Operating temperature up to	85°C

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Fibre Optic Cable (FTTH), Singlemode (OS2), (Simplex)

Optical fibre (FOC), LC-APC Stecker > LC-APC Stecker,
halogen-free cable sheath (LSZH)

- Mono-mode fibre optic cable designed for connection types such as FTTH, FTTB, FTTx, for use at home, in the office, in data centres etc.
- The patch cord forms the connection between the house transfer point and the Optical Network Terminal (ONT) indoors
- Optical fibre cable for up to 100 Gbit/s that is bend-optimised and space-saving with a minimum bending radius of 30 mm (static)
- LSZH-compliant: cable sheath is halogen-free and flame-retardant according to IEC 60754 2, IEC 60332 1 and IEC 61034
- Strain relief reinforced with aramid yarn provides extra stability
- Equipped with dust protection caps, connector: Simplex, fibre type: OS2, SM singlemode 9/125µm according to ITU T G.657
- Individual test protocol with measurement of return loss and insertion loss

Cable length	White	Yellow
	Bulk	Bulk
0.50 m	59583	59627
1.00 m	59584	59628
2.00 m	59585	59629
3.00 m	59586	59630
5.00 m	59587	59631
10.00 m	59588	59632
15.00 m	59589	59633
20.00 m	59590	59634
25.00 m	59591	59635
30.00 m	59592	59636

Connection, type	SC-APC male
Connection 2, type	LC-UPC male
Cable type	Simplex cable
FOC core diameter	9 μ
FOC sheath diameter	125 μ
Cable sheath diameter (approx.)	3 mm
Wave length	1310 mm
Cable fibre type	Fibre optic G657.A2
Specification	Single mode (OS2)
Kink protection	yes
Bending radius installation	30 mm
LSZH conform	yes
Operating temperature from	-40°C
Operating temperature up to	85°C

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- Individual test protocol with measurement of return loss and insertion loss

Cable length	White	Yellow
	Bulk	Bulk
0.50 m	59607	59647
1.00 m	59608	59648
2.00 m	59609	59649
3.00 m	59610	59650
5.00 m	59611	59651
10.00 m	59612	59652
15.00 m	59613	59653
20.00 m	59614	59654
25.00 m	59615	59655
30.00 m	59616	59656

Connection, type	SC-APC male
Connection 2, type	SC-APC male
Cable type	Simplex cable
FOC core diameter	9 μ
FOC sheath diameter	125 μ
Cable sheath diameter (approx.)	3 mm
Wave length	1310 mm
Cable fibre type	Fibre optic G657.A2
Specification	Single mode (OS2)
Kink protection	yes
Bending radius installation	30 mm
LSZH conform	yes
Operating temperature from	-40°C
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- Individual test protocol with measurement of return loss and insertion loss

Cable length	White	Yellow
	Bulk	Bulk
0.50 m	59593	59637
1.00 m	59594	59638
2.00 m	59595	59639
3.00 m	59596	59640
5.00 m	59597	59641
10.00 m	59598	59642
15.00 m	59599	59643
20.00 m	59604	59644
25.00 m	59605	59645
30.00 m	59606	59646

Connection, type	SC-APC male
Connection 2, type	SC-UPC male
Cable type	Simplex cable
FOC core diameter	9 μ
FOC sheath diameter	125 μ
Cable sheath diameter (approx.)	3 mm
Wave length	1310 mm
Cable fiberetype	Fibre optic G657.A2
Specification	Single mode (OS2)
Kink protection	yes
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- Equipped with dust protection caps, connector: Simplex, fibre type: OS2, SM singlemode 9/125μm according to ITU T G.657
- Individual test protocol with measurement of return loss and insertion loss

Cable length	White	Yellow
	Bulk	Bulk
0,50 m	59617	59657
1,00 m	59618	59658
2,00 m	59619	59659
3,00 m	59620	59660
5,00 m	59621	59661
10,00 m	59622	59662
15,00 m	59623	59663
20,00 m	59624	59664
25,00 m	59625	59665
30,00 m	59626	59666

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