

# Network technology

ONE RANGE. MANY ADVANTAGES.

2023

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01	KEY FACTS - NETWORK CABLES	3
02	PATCH CABLES	4
03	CAT 8.1 NETWORK CABLES	20
04	SLIM & FLAT CABLES	25
05	ANGLE PLUGS	30
06	CABLE EXTENSIONS	35
07	OUTDOOR CABLES	38
08	NETWORK INSTALLATION CABLES	50
09	INSTALLATION ACCESSORIES	64
10	NETWORK PATCH PANELS	78
11	NETWORK SPLITTER/SWITCH	84
12	CABLE PROTECTORS & MARKERS	87
13	KEYSTONES	90
14	CABLE MANAGEMENT	106
15	OPTICAL FIBRE	115

## 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 LSOH).

### Shielding

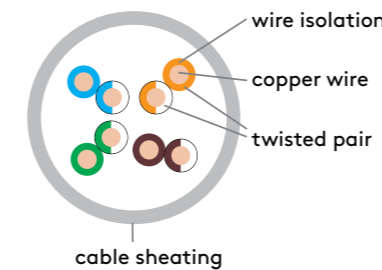
There are two basic types of cable: shielded and unshielded. In contrast to the shielded cables, unshielded cables offer distinctly poorer transmission quality, which impairs the performance at high transmission rates and in long lines. The ISO/IEC-11801 standard governs the shielding designations through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

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

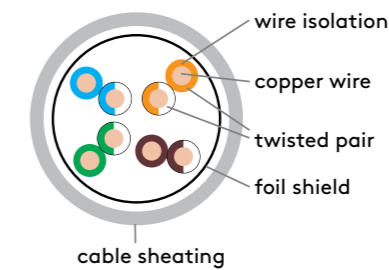
> Y stands for the shielding of the core pairs  
 U: unshielded  
 F: foil shield  
 S: braided shield

> ZZ always stands for TP:  
 twisted pair

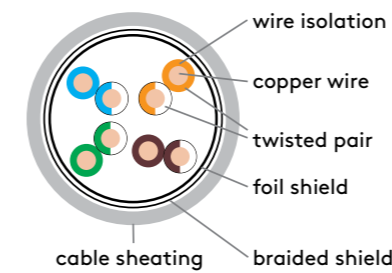
#### U/UTP



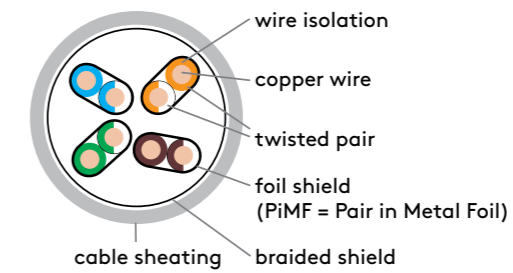
#### F/UTP



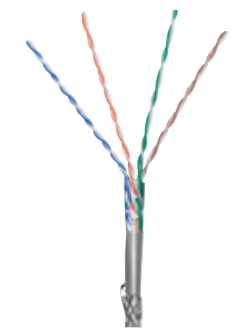
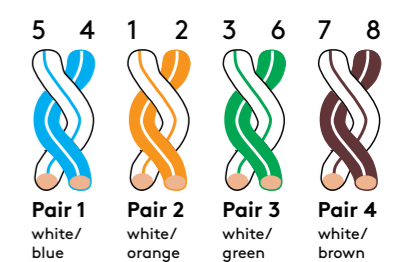
#### SF/UTP



#### S/FTP



#### EIA/TIA-568B



### 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 <sub>A</sub>	Cat. 6 <sub>A</sub>	Class E <sub>A</sub>	500 MHz	10GBASE-T
	Cat. 7	Class F	600 MHz	10GBASE-T
	Cat. 7 <sub>A</sub>	Class F <sub>A</sub>	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

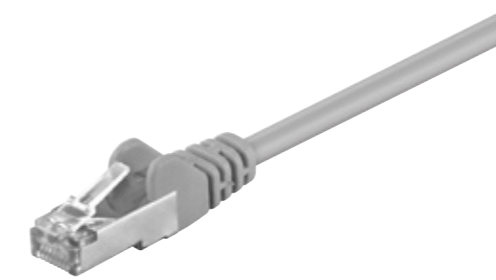
\* CAT 7 RAW CABLE WITH CAT 6A CONNECTORS

## 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

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### CAT 5e Patch Cable, SF/UTP

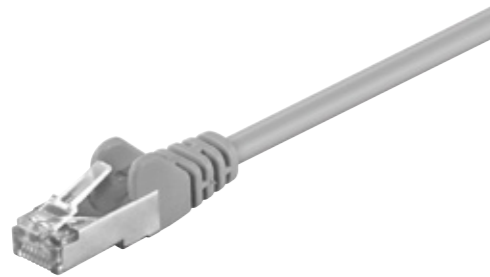
copper-clad aluminium wire (CCA)

- 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			





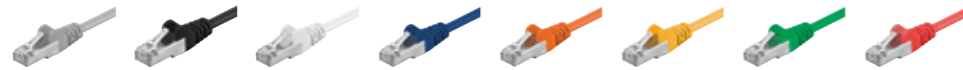
Material cable sheath	PVC
Cable sheath diameter (approx.)	5.5 mm
max. bandwidth	100 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	26/7 (stranded)
Shielding class	F/UTP
Number of shieldings	1
Type 1, shielding	foil (aluminium)
Connection, type	RJ45 male (8P8C)
Connection,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

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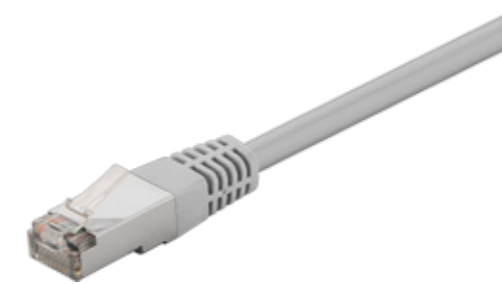
CAT 5e Patch Cable, F/UTP

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

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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

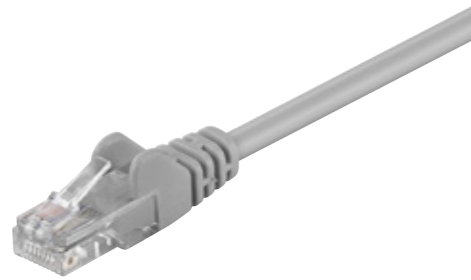


**FIT**  
IN SHORT AND LONG

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

Goobay

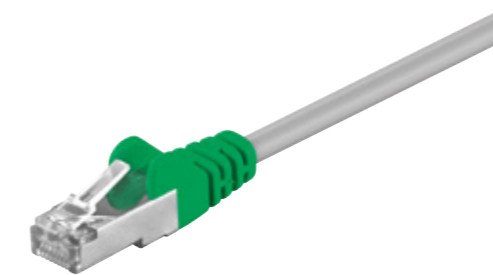
CAT 5e Patch Cable, U/UTP

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	black	white	blue	orange	yellow	green	magenta	red	violet
	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	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

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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

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CAT 5e Crossover Patch Cable, U/UTP, grey-green

copper-clad aluminium wire (CCA)

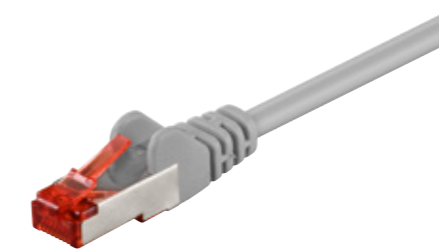
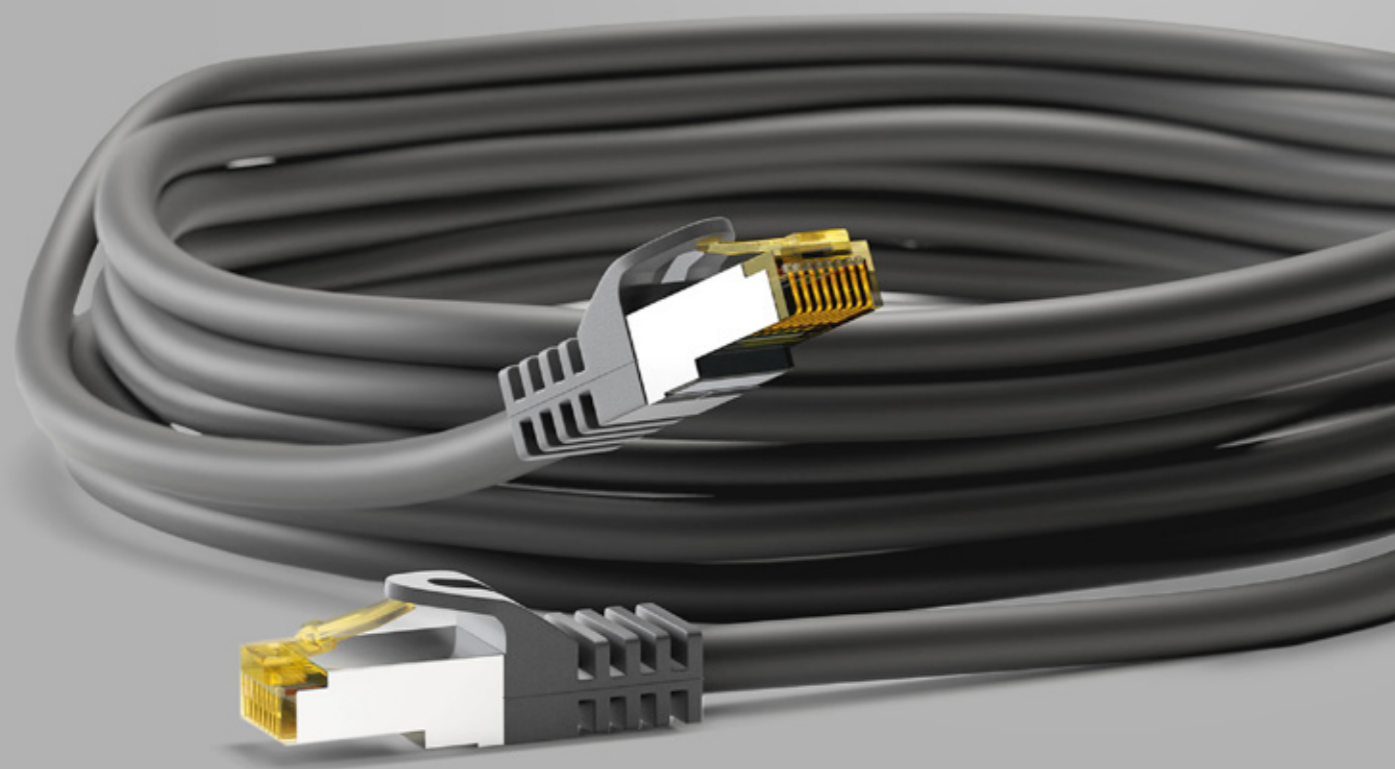
- Prewired, unshielded crossover cable with 2x RJ45 plugs for connecting network components
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts guarantee an excellent, powerful network connection
- Latch protection on the RJ45 connector prevents the latch from snagging or breaking 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



OVER 30 SERIES  
IN MANY DESIGNS

1,500 ITEMS



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**CAT 6 Patch Cable S/FTP (PiMF)**

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

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

- 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	black	white	blue	orange	yellow	green	magenta	red	violet	transparent*
	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	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	

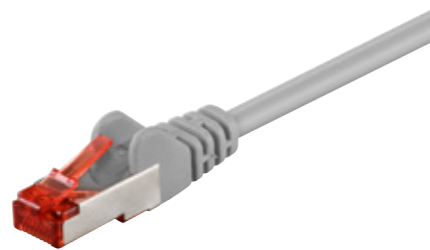
\*not LSOH/LSZH

**PROVEN & PROFESSIONAL  
PATCH CABLES**

THE BASE FOR HIGH-SPEED APPLICATIONS

FOR OFFICE AND BUILDING CABLING

DIFFERENT PERFORMANCE CLASSES



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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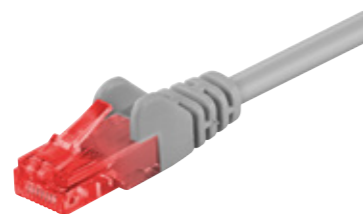
CAT 6 Patch Cable S/FTP (PiMF)

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

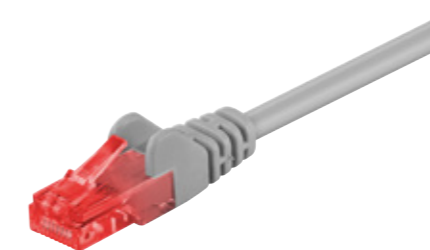
Goobay

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



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									



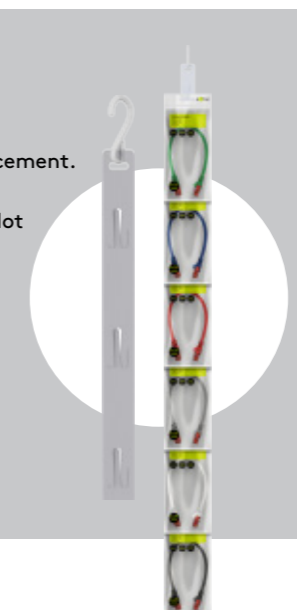
Goobay

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	






CAT 5e



CAT 6



CAT 6A



CAT 7

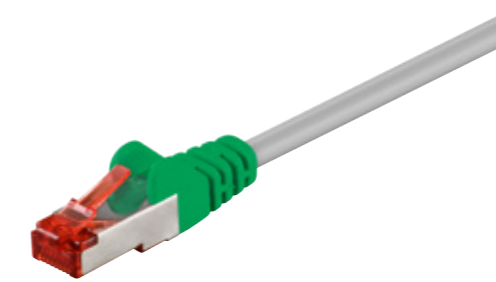


CAT 8.1



## 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

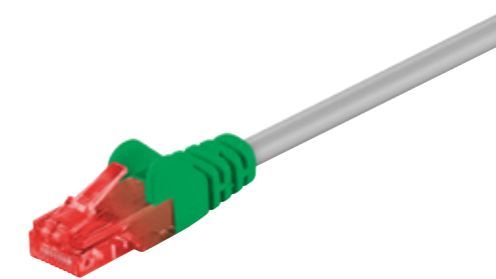
Goobay

### 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

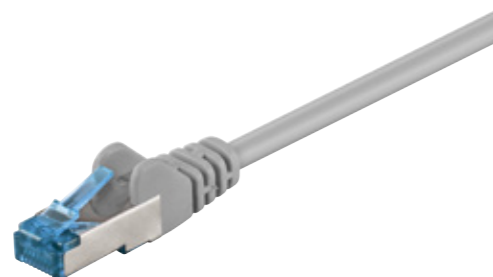
copper-clad aluminium wire (CCA)

- 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







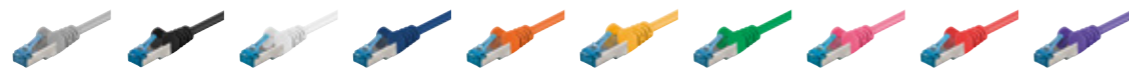
Material cable sheath	LSZH
Cable sheath diameter (approx.)	6 mm
max. bandwidth	500 MHz
Cable type	round cable
Inner conductor material	CU (copper)
AWG	27/7 (stranded)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium) overall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

Goobay

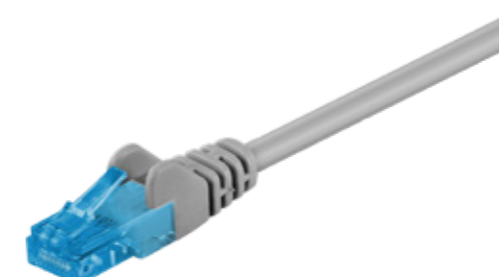
CAT 6A Patch Cable, S/FTP (PiMF)

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

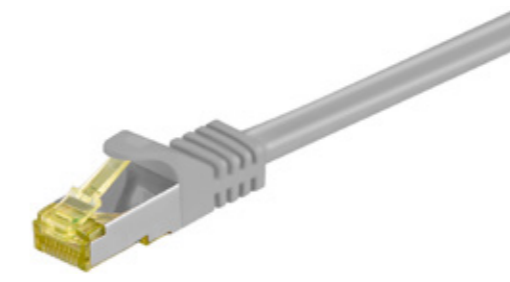
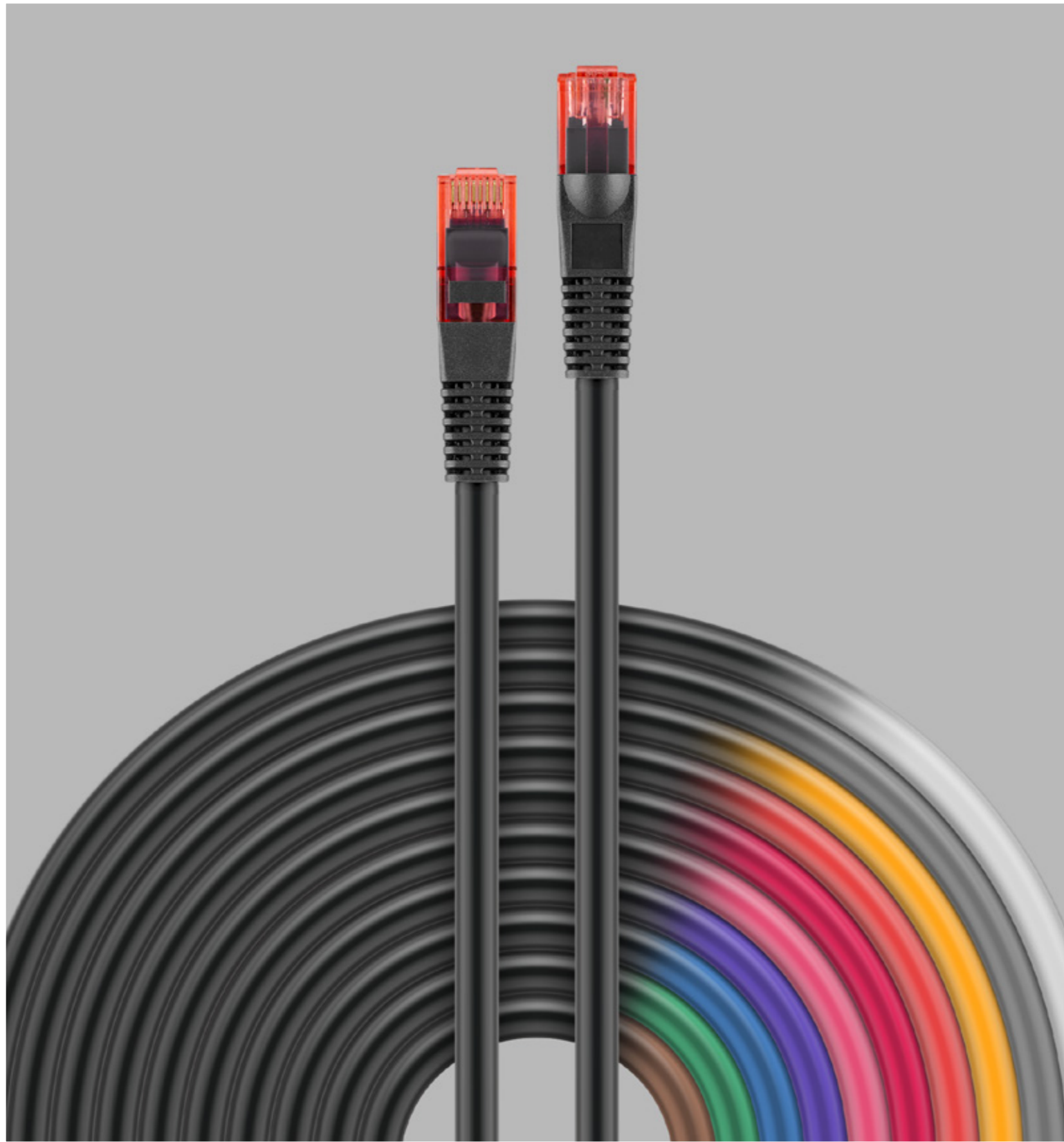
CAT 6A Patch Cable U/UTP

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





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 sheath, 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



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

FOR STRUCTURED CABLING  
 COLOURS FACILITATE GUIDANCE



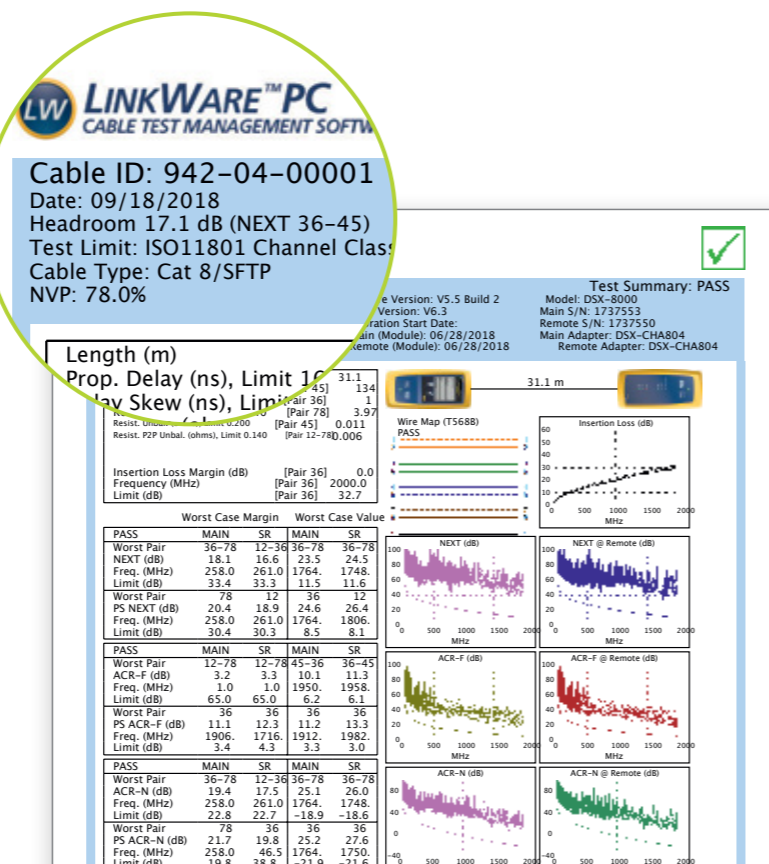
## CAT 8 cable: The latest generation of network cables

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.

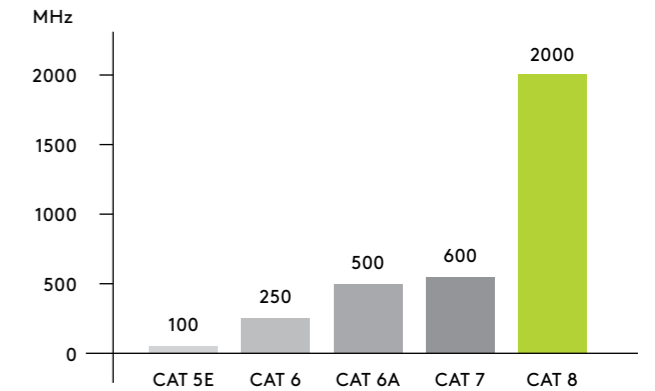
Category	Standardisation body	Link class	Max. frequency	Validity	25/40 GBASE-T	compatible with RJ45	Backward compatibility with
CAT 8	ANSI/TIA	CAT 8 link	2 GHz	USA	yes	yes	categories 6A, 6 and 5E
CAT 8.1	ISO/IEC	I		worldwide			
CAT 8.2		II				no	categories 7A and 7

### 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.



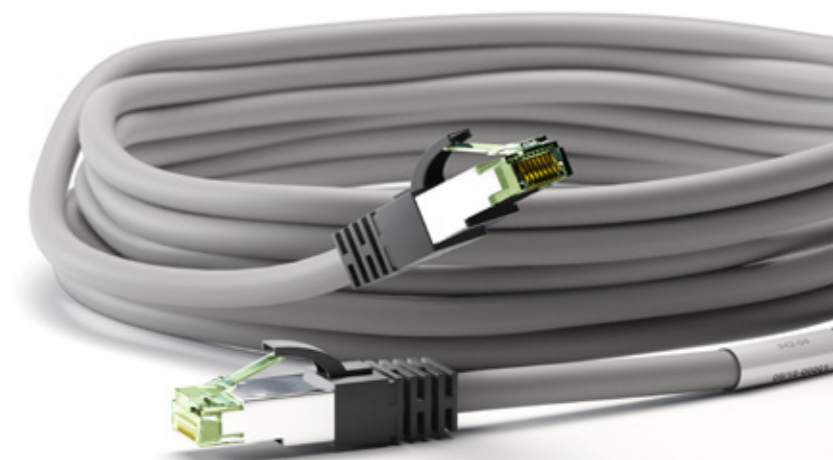
CAT 8 frequency support (MHz) = 4 times the CAT 6A cabling value

### 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



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

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.

**LINKWARE™ PC**  
CABLE TEST MANAGEMENT SOFTWARE

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%

Length (m)  
Prop. Delay (ns), Limit 10000  
Delay Skew (ns), Limit 10000





Material cable sheath	LSZH
Cable sheath diameter (approx.)	6.2 mm
Cable type	CAT 8.1 raw cable
Inner conductor material	CU (copper)
AWG	26/7 (stranded)
Shielding class	S/FTP (PiMF)
Number of shieldings	2 x
Type 1, shielding	foil (alu) PiMF
Type 2, shielding	braid (aluminium) overall shield
LSZH-compliant	yes
Kink protection	both sides
Connection, type	RJ45 male (8P8C)
Connection, shielding	yes
Connection 2, type	RJ45 male (8P8C)
Connection, contact material	gold-plated 50µm
Connection, housing material	PVC
Latch protection	both sides
Contacting	EIA/TIA-568B

**Goobay**  
**RJ45 Network Cable Category 8.1**

copper conductor, LSZH halogen-free cable sheath

- The LAN cable supports 25GBase-T and 40GBase-T Ethernet networks (40-gigabit capable) and is backwards compatible with 10BASE-T, 100BASE-TX and 1000BASE-T.
- With a transmission bandwidth of up to 2,000 MHz, the Ethernet cable has 4 times the bandwidth of a CAT 6A cable.
- S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath
- Assembled on both ends with RJ45 connectors (8P8C) with 50 µm gold-plated contact surfaces and latch protection.
- CAT 8 LAN cable is suitable for Power over Ethernet (PoE, PoE+, UPoE, 4PPoE) and HDBaseT.
- Low-smoke and halogen-free LSZH cable sheath for increased safety



**eco-friendly packaging**

The future of our planet lies in our hands and we are working to continuously minimise our negative impact on the environment. With new and more sustainable packaging for our new CAT 8.1 patch cable series, we avoid unnecessary plastic waste. Not only have we eliminated the polybag, but we have also replaced traditional plastic cable ties with durable paper cable ties. Additionally, all products in the series are equipped with a paper label.

**GHMT-certified**  
**CAT 8.1 S/FTP Patch Cord\***

- GHMT-certified for a transmission distance of 1x 24 m installation cable plus 2x 3 m patch cord in a 2-connector channel (8.1 Standard Class I with an operating frequency of up to 2 GHz)



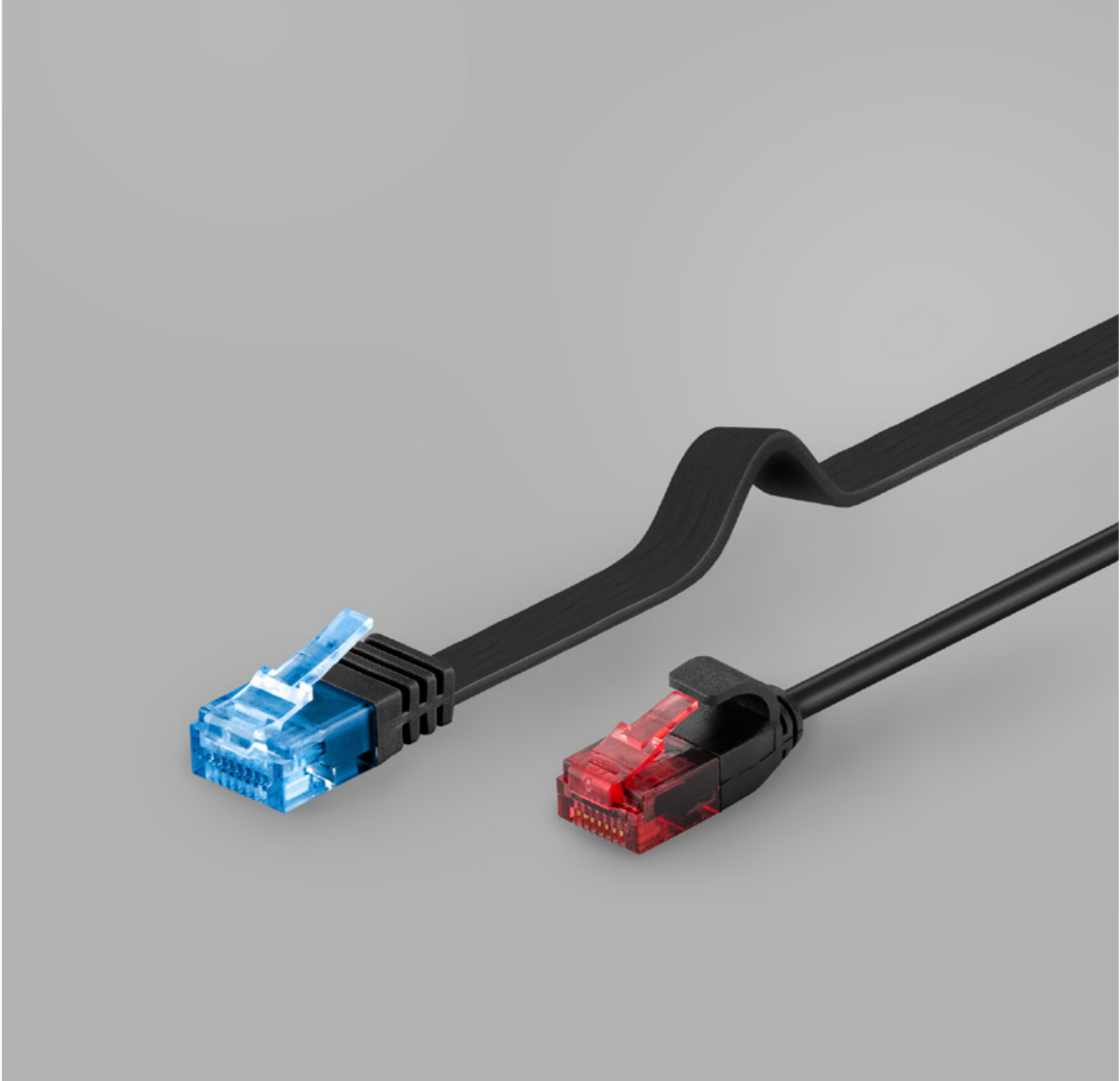
Cable length	grey	black	white
	Cable Tag	Cable Tag	Cable Tag
0.25 m	61113	61091	61102
0.50 m	61114	61092	61103
1.00 m	61115	61093	61104
2.00 m	61116	61094	61105
3.00 m	61117	61095	61106

**CAT 8.1 S/FTP Patch Cord**

Cable length	grey	black	white
	Cable Tag	Cable Tag	Cable Tag
5.00 m	61118	61096	61107

**RJ45 Patch Cord with**  
**CAT 8.1 S/FTP Raw Cable**

Cable length	grey	black	white
	Cable Tag	Cable Tag	Cable Tag
7.50 m	61119	61097	61108
10.00 m	61120	61098	61109
15.00 m	61121	61099	61110
20.00 m	61124	61100	61111



**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

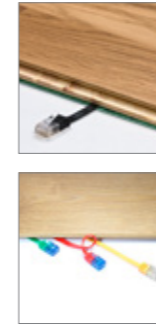
Goobay

**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



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



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

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



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



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)



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 5e



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)

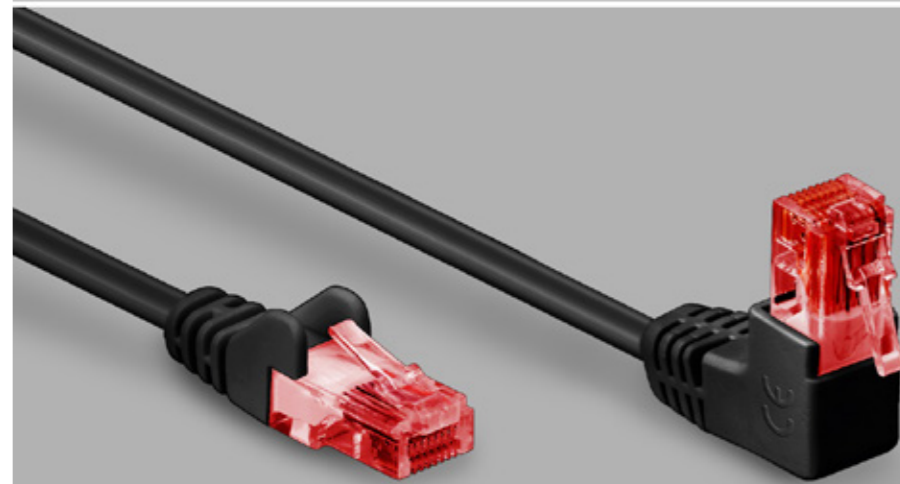
- Prewired, shielded CAT 5e LAN cable with 2x RJ45 plugs for connecting network components
- Foil screen (F/UTP) prevents interference from external sources (cross-talk) and provides ideal signal distribution with minimal losses
- High-quality copper-clad aluminium wire (CCA) and gold-plated contacts 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



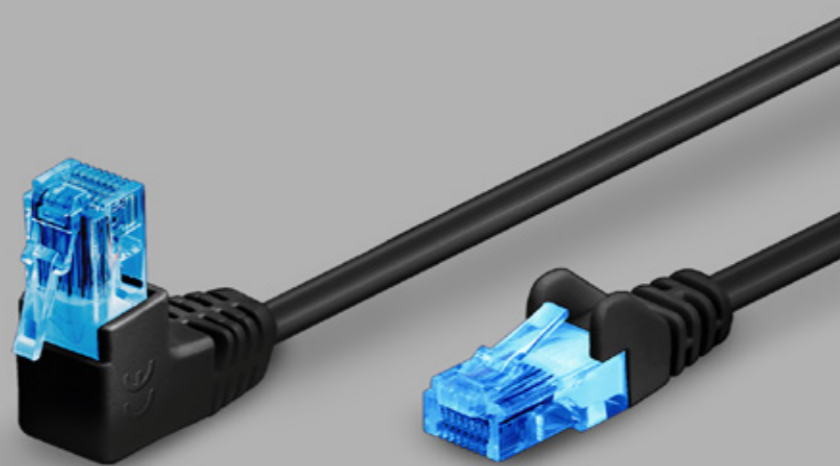
Cable length	black	white
	Bulk	Bulk
0.25 m	94185	94176
0.50 m	94186	94177
1.00 m	94187	94178
2.00 m	94188	94179
3.00 m	94189	94180
5.00 m	94190	94182
10.00 m	94191	94183



CAT 6



CAT 6A



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



**SPACE SAVING**  
ANGLED PLUGS

1 X 90° ANGLED OR 2 X 90° ANGLED

SHIELDED OR UNSHIELDED





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

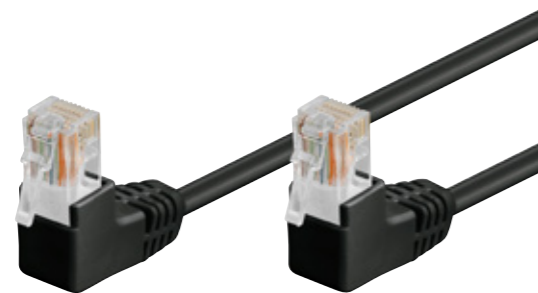
### CAT 5e Patch Cable 1x 90° Angled, U/UTP

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



## 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



## Goobay

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

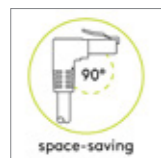
copper-clad aluminium wire (CCA), latch on top

- 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



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

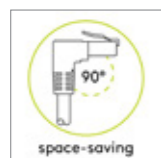


### Goobay

#### 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+)



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



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



### Goobay

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

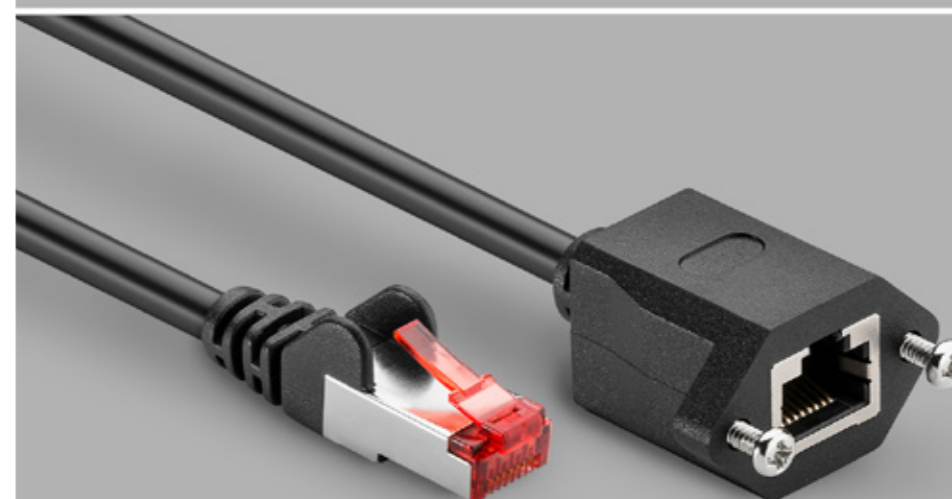
copper-clad aluminium wire (CCA), latch on top

- 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+)

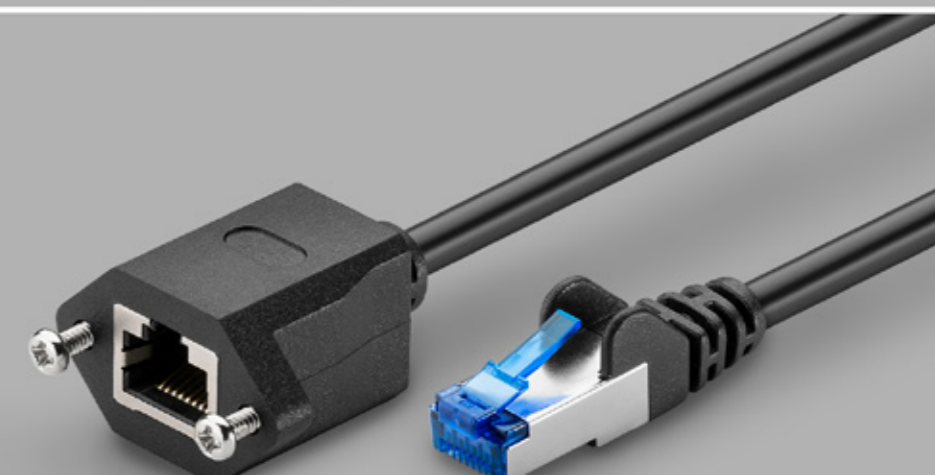
# CAT 5e



# 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	





## 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.

## ROBUST, WEATHERPROOF & STRONG AGAINST UV OUTDOOR CABLES

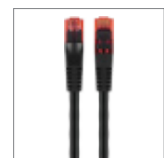
AVAILABLE AS CAT 5E AND CAT 6

SHIELDED OR UNSHIELDED

AS PATCH CABLE OR INSTALLATION CABLE

OPTIMAL FOR GARDEN, TERRACES, BUILDING FACADES, CAMPING





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

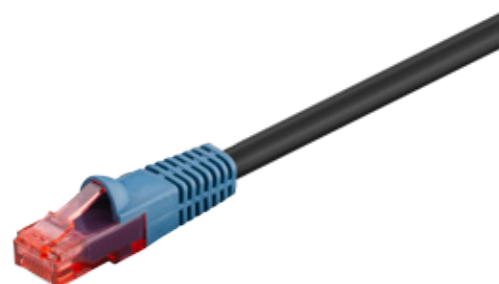
Goobay

**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

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



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

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 6	CAT 6A
79566 Bulk	59582 Bulk



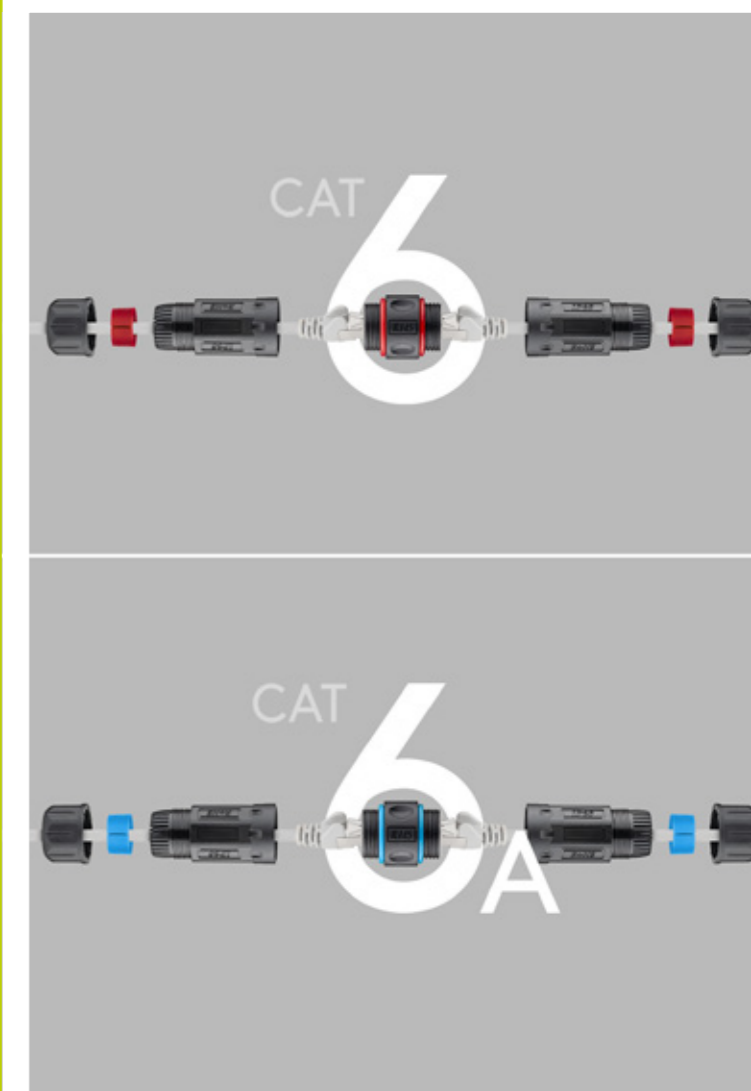
**DUST & WATERPROOF  
MODULAR COUPLERS**

FOR CONNECTING OR COUPLING

FOR RJ45 CONNECTORS

CAT 6 OR CAT 6A

SHIELDED OR UNSHIELDED



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		24/7				57199				
100 m		24/1		77624		77625		57296	57294	57198
50 m		53867								
100 m		23/1	52768		57197		57293			
305 m		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.
- Underterminated 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.
- Underterminated 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



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)

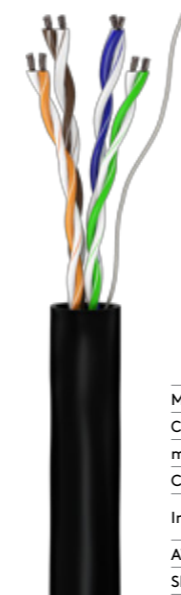
Goobay

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.
- Underterminated 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

100.00 m 57295 Cable Reel



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

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.
- Underterminated 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

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.
- Underterminated 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

100.00 m 57198 Cable Reel



## Goobay

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

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



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

- 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



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)



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 <sub>ca</sub>

- 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



100.00 m 57197 Cable Reel

## Goobay

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

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



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)

- 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



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)



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

- 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



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)



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 <sub>ca</sub>

- 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



100.00 m 77625 Cable Reel





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

## 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

100.00 m 57199 Cable Reel



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% sauerstofffreies 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 <sub>co</sub>

## 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

50.00 m 53867 Cable Reel

100.00 m 52768 Cable Reel

305.00 m 52769 Cable Reel

53867  
52768

52769



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

## 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

100.00 m 55440 Bulk

305.00 m 55441 Bulk



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

## Goobay

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

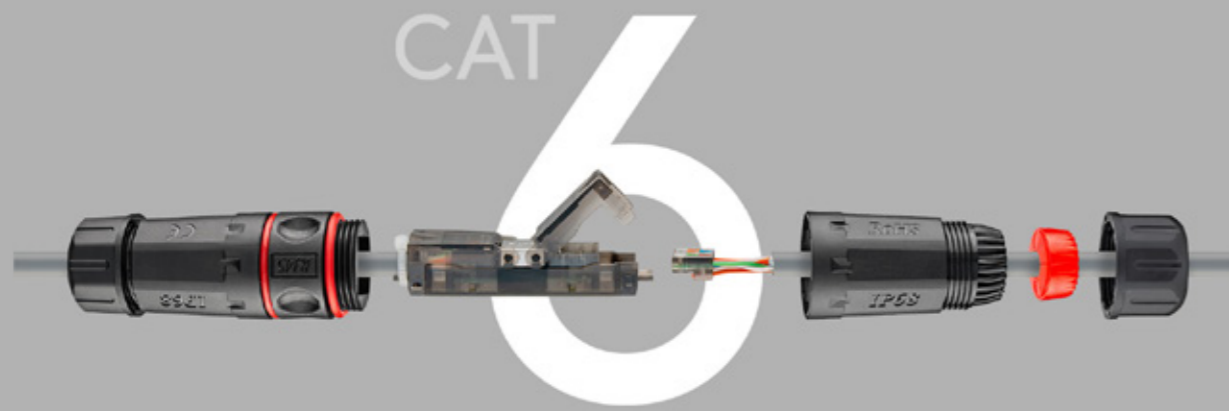
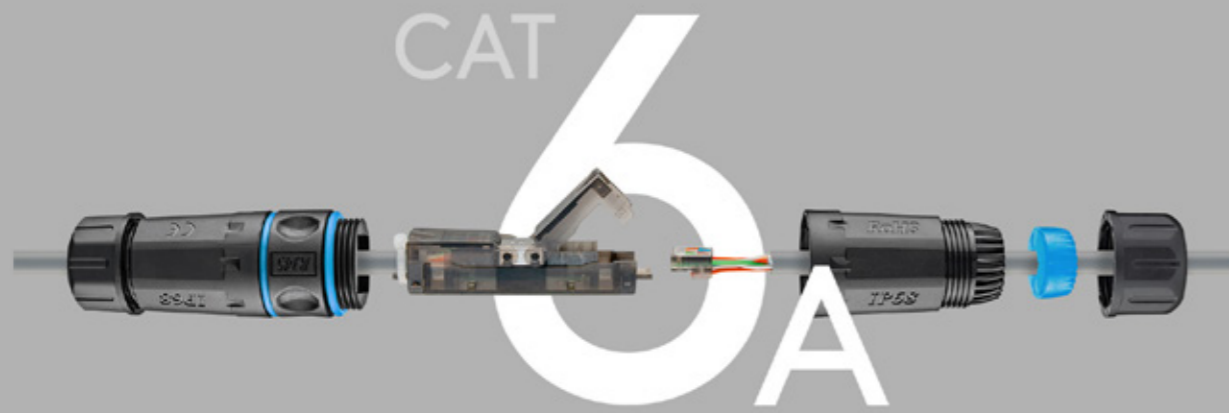
copper-clad aluminium wire (CCA), AWG 24/1 (solid), polyethylene cable sheath (PE)

- 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

100.00 m 94398 Bulk

305.00 m 94399 Bulk





## 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
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
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



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 <sub>ca</sub>

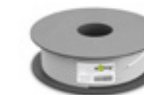
### Goobay

#### 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)
- Underterminated 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

100.00 m 15014 Cable Reel



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 <sub>ca</sub>

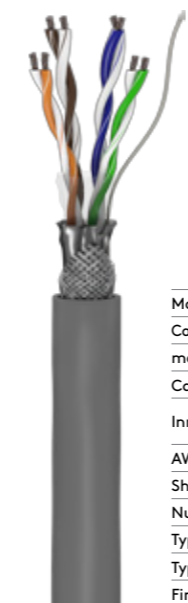
### Goobay

#### 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)
- Underterminated 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

100.00 m 68709 Cable Reel  
305.00 m 95708 Cable Reel



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 <sub>ca</sub>

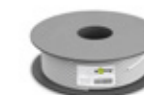
### Goobay

#### 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)
- Underterminated 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

100.00 m 93274 Cable Reel







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 <sub>ca</sub>

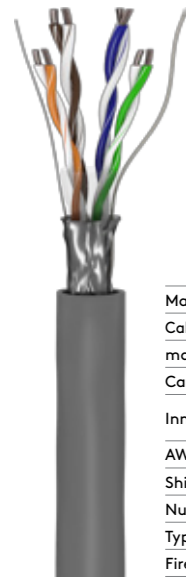
Goobay

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)
- Underterminated 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

100.00 m	15012	Cable Reel
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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 <sub>ca</sub>

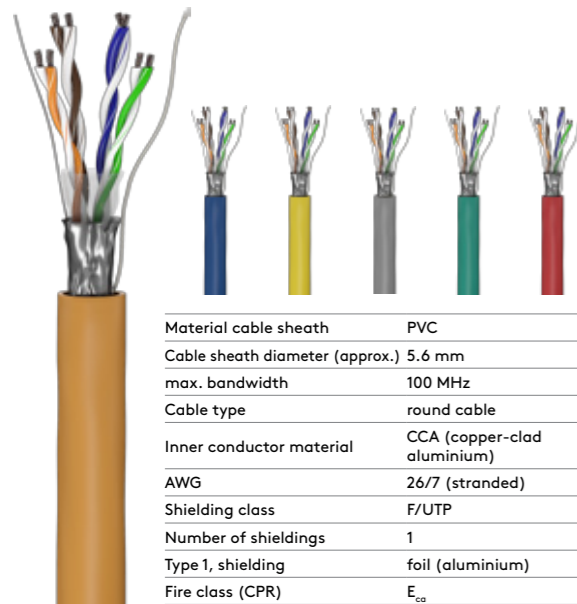
Goobay

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)
- Underterminated 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

100.00 m	68708	Cable Reel
305.00 m	95707	Cable Reel



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 <sub>ca</sub>

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)
- Underterminated 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

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



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 <sub>ca</sub>

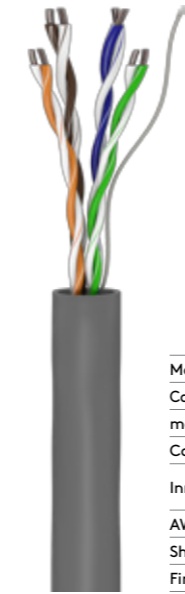
Goobay

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)
- Underterminated 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

100.00 m	68941	Cable Reel
305.00 m	93292	Cable Reel



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 <sub>ca</sub>

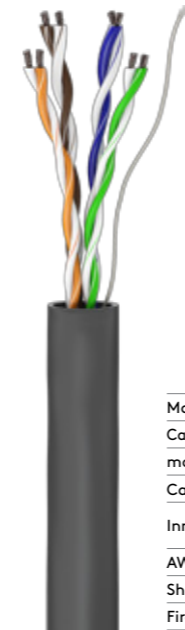
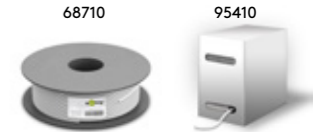
Goobay

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)
- Underterminated 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

100.00 m	68710	Cable Reel
305.00 m	95410	Cable Reel



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 <sub>ca</sub>

Goobay

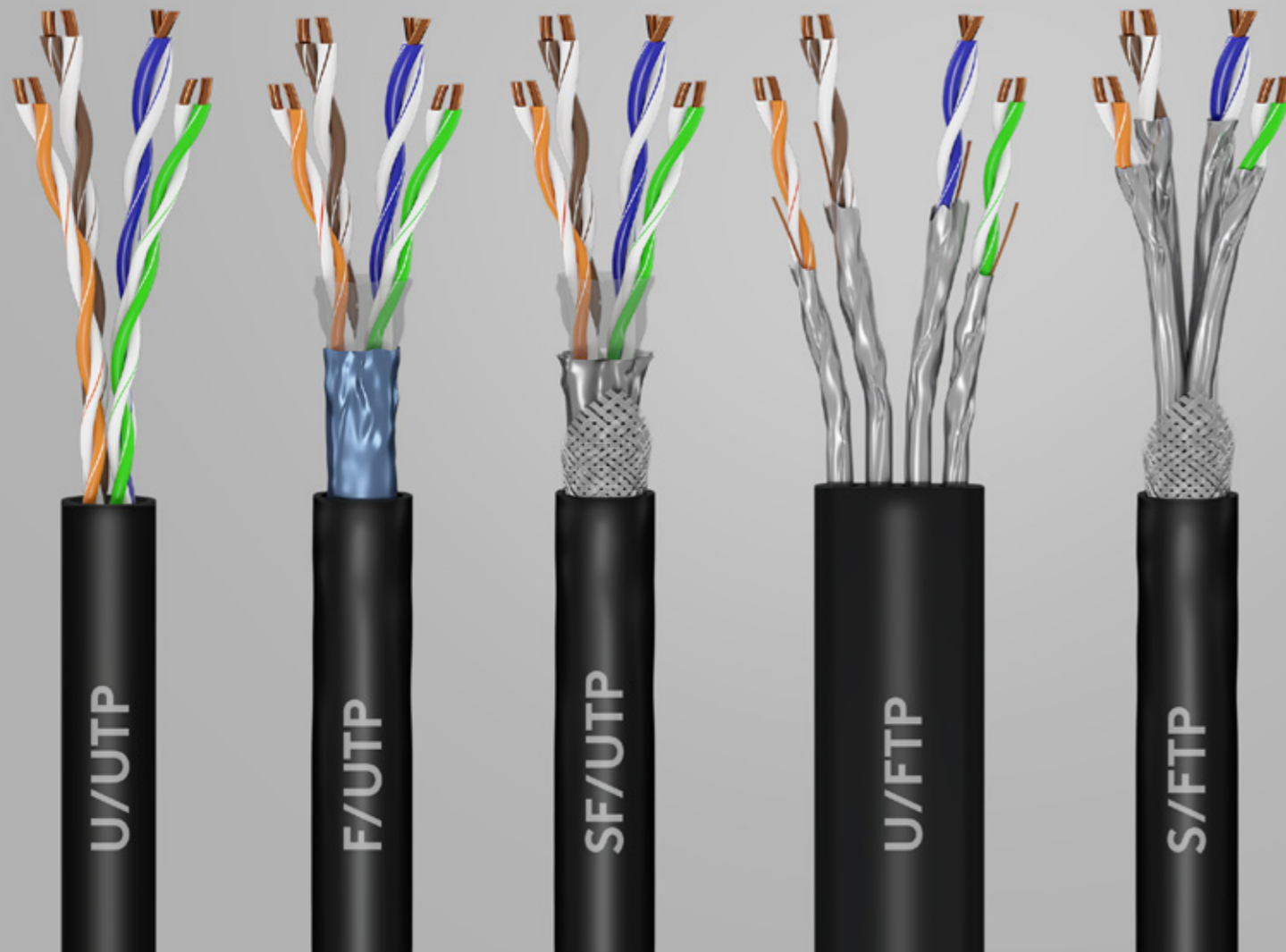
CAT 5e Network Cable, U/UTP, grey

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)
- Underterminated 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

100.00 m	68707	Cable Reel
305.00 m	95409	Cable Reel

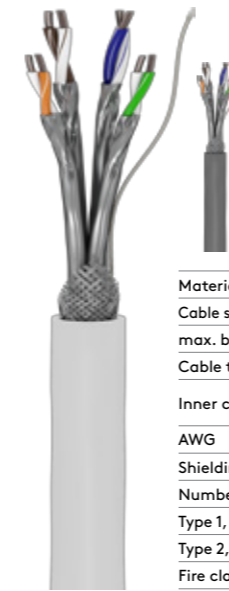




**WITHOUT INTERFERENCE SHIELDING**

FIVE DIFFERENT TYPES OF SHIELDING

PROTECT AGAINST ELECTROMAGNETIC INTERFERENCE



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 <sub>ca</sub>

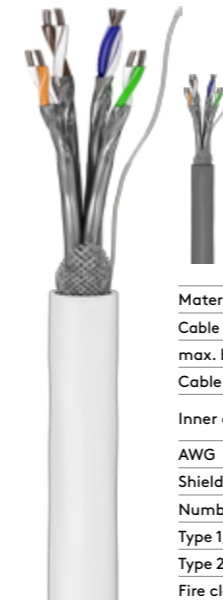
**Goobay**

**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)
- Underterminated 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

	white	grey	
100.00 m	94222	93956	Cable Reel



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 <sub>ca</sub>

**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)
- Underterminated 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

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



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 <sub>ca</sub>

**Goobay**

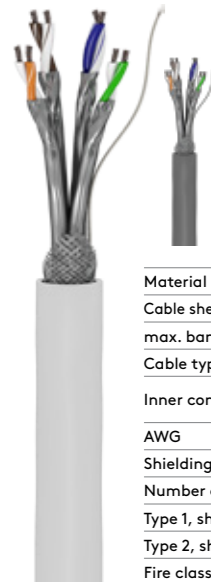
**CAT 6 Network Cable, S/FTP (PiMF), grey**

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

- Underterminated, 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

	93954	95709	
100.00 m	93954		Cable Reel
305.00m	95709		Cable Reel





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 <sub>ca</sub>

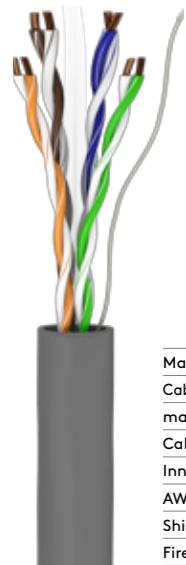
## Goobay

## 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

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



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 <sub>ca</sub>

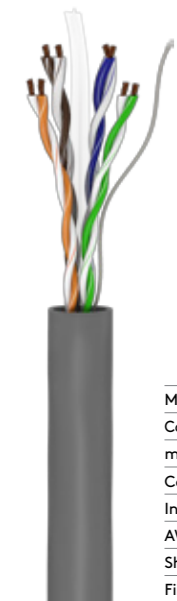
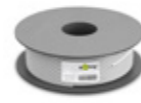
## Goobay

## 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
- Untermated 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

100.00 m	68466	Cable Reel
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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 <sub>ca</sub>

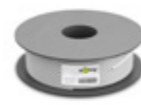
## Goobay

## 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
- Untermated 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

100.00 m	93293	Cable Reel
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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 <sub>ca</sub>

## Goobay

## CAT 6 Network Cable, U/UTP, white

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

- Untermated 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

100.00 m	94965	Cable Reel
305.00m	94220	Cable Reel



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 <sub>ca</sub>

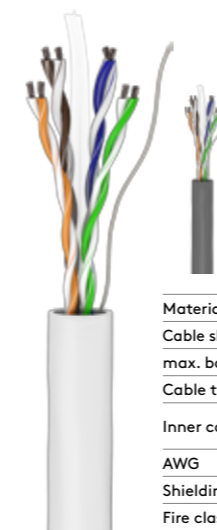
## Goobay

## 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
- Untermated data and installation cable for assembly and installation with LSA 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

100.00 m	95694	Cable Reel
305.00m	95695	Cable Reel



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 <sub>ca</sub>

## 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
- Untermated 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

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







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)

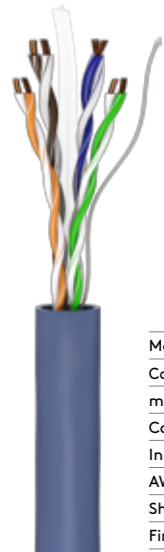
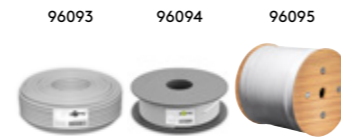
## Goobay

## 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)
- Underterminated 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.

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



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 <sub>ca</sub>

## 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)
- Underterminated 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

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



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 <sub>ca</sub>

## Goobay

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

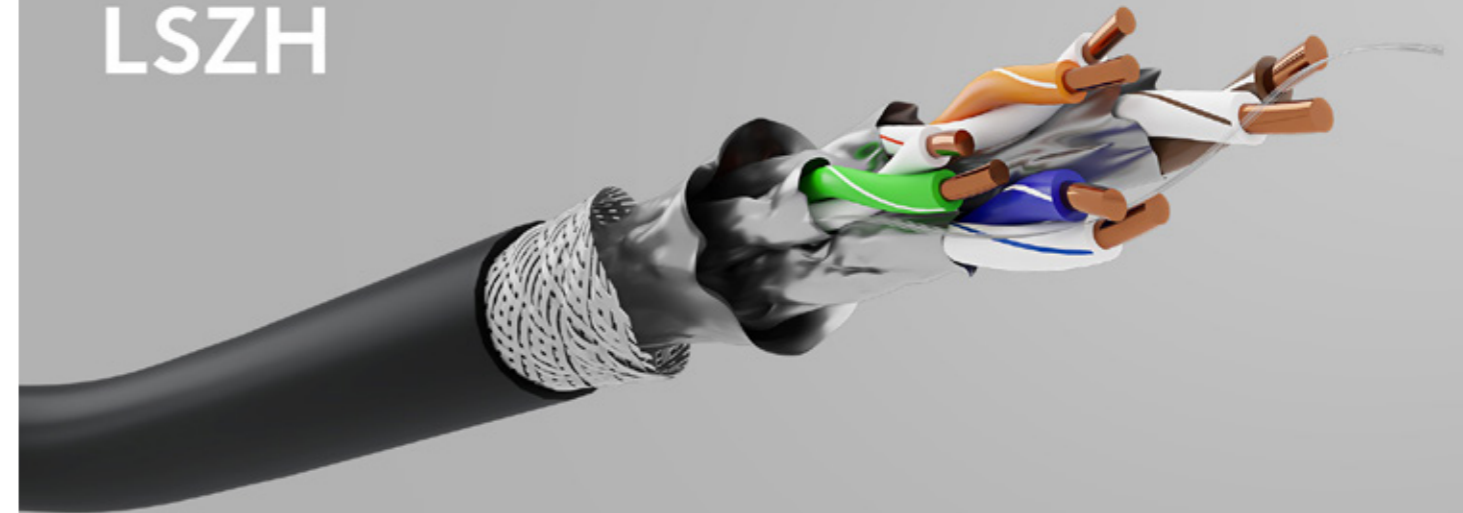
copper conductor (CU), AWG 23/1, halogen-free cable sheath (LSZH)

- Double shielded twisted pair LAN cable for the small office and working from home (SOHO and WFH applications)
- Underterminated 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

100.00 m	50977	Cable Reel
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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
- Underterminated 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 <sub>ca</sub>

100.00 m	91888	Cable Reel
250.00 m	91889	Cable Reel
500.00 m	91890	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)
- Underterminated 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 <sub>ca</sub>

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



## 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
- Underterminated 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 <sub>ca</sub>

100.00 m	91891	Cable Reel
500.00 m	91892	Cable Reel

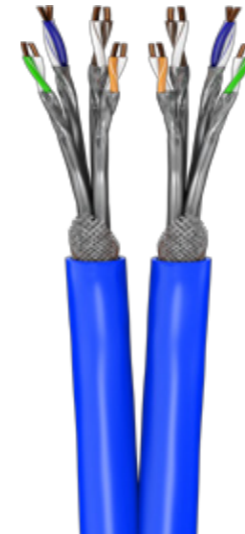


## Goobay

## 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)
- Underterminated 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 <sub>ca</sub>

100.00 m	91896	Cable Reel
500.00 m	91897	Cable Reel



## Goobay

**GHMT-certified CAT 8.1, S/FTP (PiMF), Network Cable, Yellow**

copper conductor (CU), AWG 22/1 (solid), halogen-free (LSZH)

- LAN cable for setting up a CAT 8.1 channel
- GHMT-certified for a transmission distance of 1x 24 m installation cable plus 2x 3 m patch cord in a 2-connector channel (8.1 Standard Class I with an operating frequency of up to 2 GHz) \*
- Suitable for 25GBase-T and 40GBase-T Ethernet networks (40-gigabit capable) and backward compatible with 10BASE-T, 100BASE-TX, 1000BASE-T
- With a transmission bandwidth of up to 2,000 MHz, the Ethernet cable has 4 times the bandwidth of CAT 6A cables
- Equipped with wire pairs with an aluminium foil screen (PiMF) and an S/FTP overall screen made of aluminium braid for a loss-free signal transmission
- Low-smoke and halogen-free network cable for structured indoor installation
- The network cable complies with the Construction Products Regulation (CPR) and the Dca fire protection class.



Material cable sheath	LSZH
Cable sheath diameter (approx.)	8.3 mm
max. bandwidth	2000 MHz
Impedance	100 Ω
Specification	CAT 8.1
Cable type	CAT 8.1 raw cable
Inner conductor material	CU (copper)
AWG	22/1 (solid)
Shielding class	S/FTP (PiMF)
Number of shieldings	2 x
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium) overall shield
LSZH-compliant	yes
Fire class (CPR)	Dca



25.00 m	61126	Cable Tag
50.00 m	61127	Cable Tag
100.00 m	61128	Cable Tag



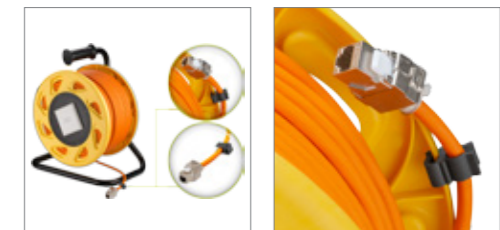
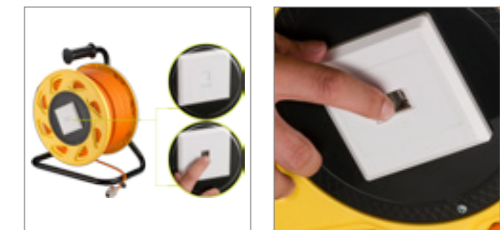
## Goobay

**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).

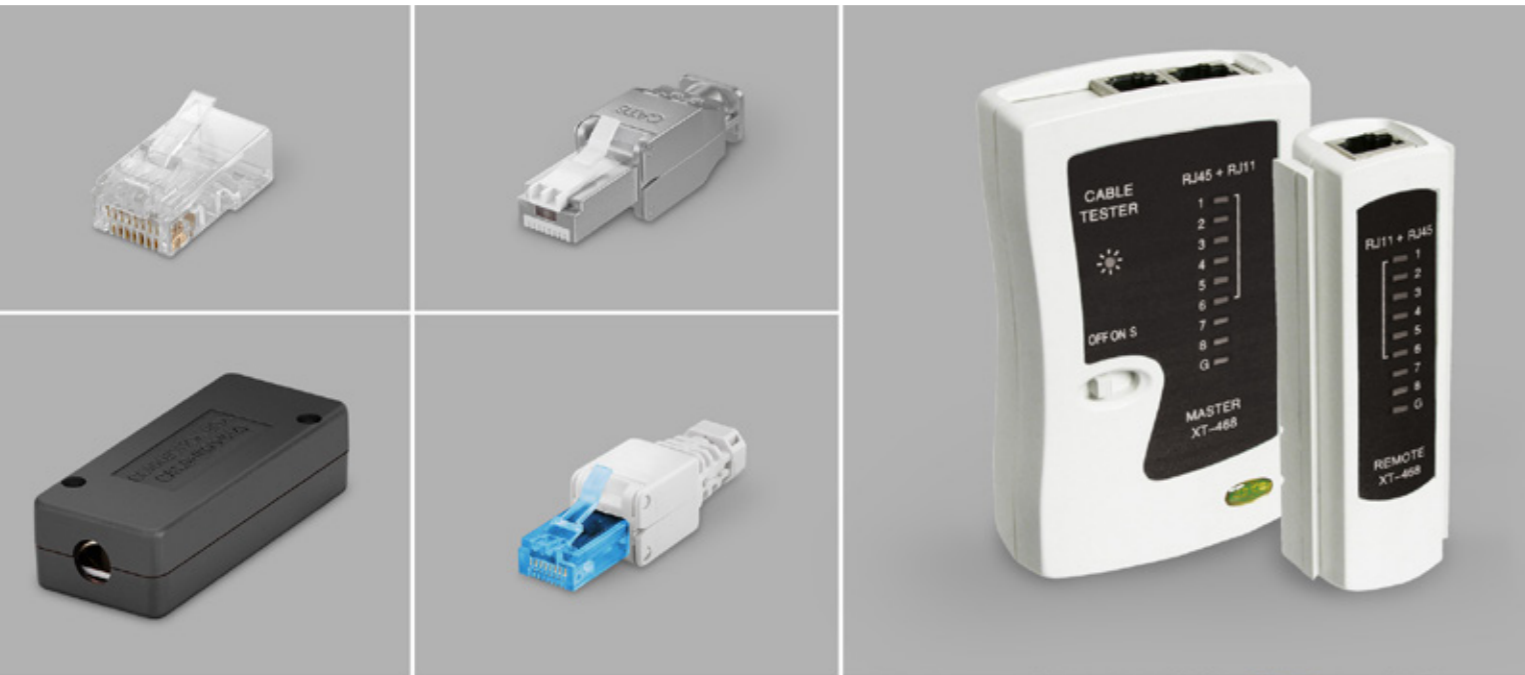
Material cable sheath	LSZH
Cable sheath diameter (approx.)	8.2 mm
Inner conductor material	CU (copper)
Cable type	CAT 7A raw cable
AWG	23/1 (solid)
Shielding class	S/FTP (PiMF)
Number of shieldings	2
Type 1, shielding	foil (aluminium) PiMF
Type 2, shielding	braid (aluminium) overall shield
Connection,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



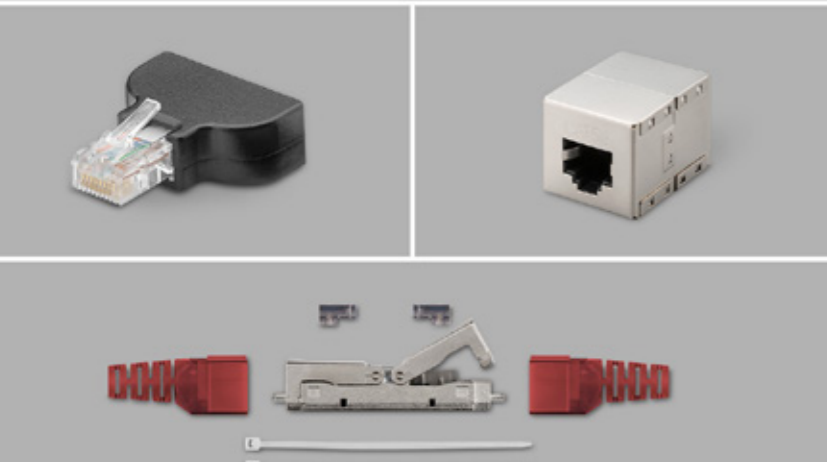
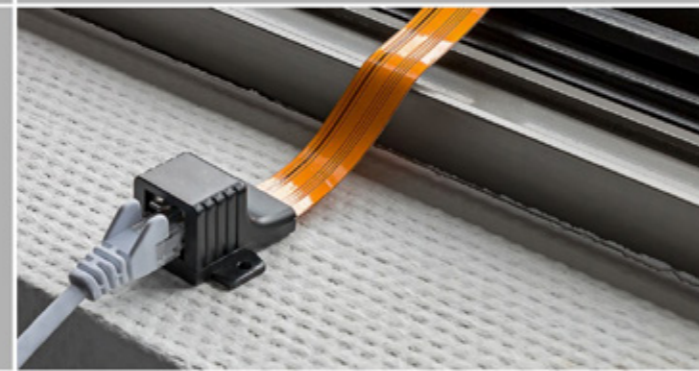
Cable length	Bulk
50.00 m	58934
90.00 m	58938







200 ITEMS OF  
INSTALLATION  
ACCESSORIES



## EXTRA-CONVENIENT ACCESSORIES FOR INSTALLATION

A LARGE SELECTION OF:

WALL PLATES

CONNECTORS

HUBS

SOCKETS

TOOLS

MEASUREMENT DEVICES



Goobay

### CAT 8.1 STP-Shielded, Field-installable RJ45 Connector

for 5.0-8.5 mm cable diameter, IDC connector (toolless)

- Network connector for field assembly, suitable for round cables with solid conductors (AWG 22/1 - 26/1) and stranded conductors (AWG 22/7 - 26/7)
- For quick, tool-free assembly on network cables by simply pressing the connector housing together
- The CAT 8.1 connector supports Power over Ethernet (PoE++, 4PPoE, Ultra PoE) according to IEEE802.3bt as well as 25GBase-T and 40GBase-T (downward compatible).
- For a transmission distance of 24 m as a permanent link or 30 m as a channel link (8.1 Standard Class I with an operating frequency of up to 2 GHz)
- The RJ45 connector is suitable for terminating a CAT 8.1 installation cable to create a custom-sized network cable.
- 3 pin gold-plated contacts and the STP screen ensure durability and a perfect signal transmission.
- The RJ45 connectors are TIA 568A/B colour-coded.

61130 Bulk



Goobay

### Tool-free RJ45 Network Connector STP Shielded

For 9.0 mm cable diameter, IDC connectors (toolless)

CAT 6A

- 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 6

CAT 6A 38292 Bulk

CAT 6 38293 Bulk



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)

CAT 6A

- 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 6

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



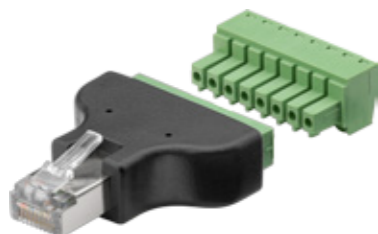
68859 Bulk



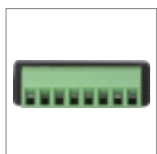
## Goobay

## Terminal Block 8-pin &gt; 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 &gt; 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



## Goobay

## RJ45 plug



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



## 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



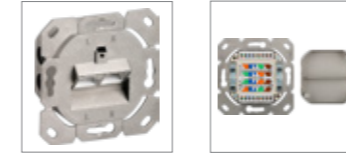
## Goobay

**CAT 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 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 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 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 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 perfect 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 perfect 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, 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

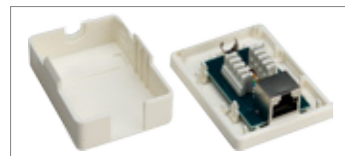


## Goobay

## 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, 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

## 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

## 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 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 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 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



## 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



## 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

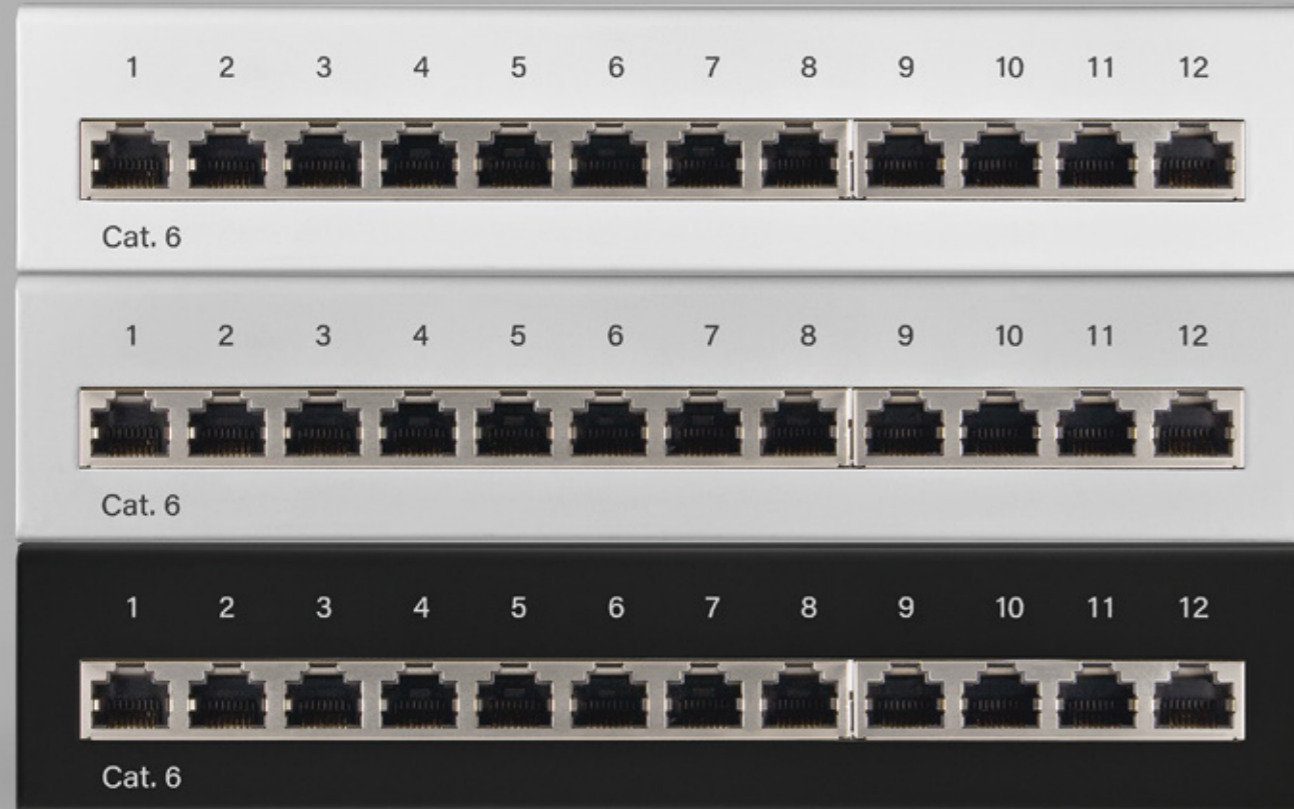
- Has RJ11, RJ45, USB (type A), Mini USB (type B), and IEEE1394 6pin Firewire socket
- Checks lines for short circuit, wire reversal, and cable defect
- Connection tester with integrated LED display for 8 individual cores
- Power supply is a 9 V block (not included in delivery)
- Protective pouch included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



68858 Retail Box



## 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



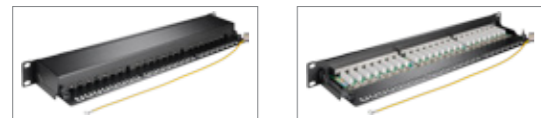


## Goobay

**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



## 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
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## 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
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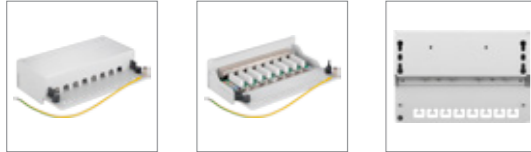
## Goobay

## 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



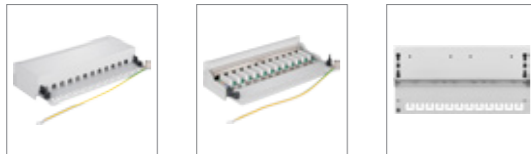
## Goobay

## 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

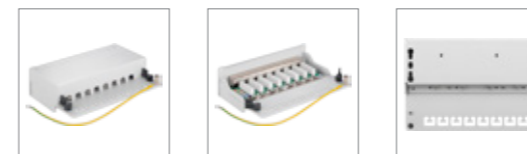
## CAT 6a Mini/Desktop Patch Panel, 8 Port

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 diameters 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

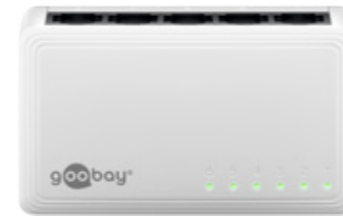
EXPANDS THE NETWORK WITH ADDITIONAL CONNECTION  
OPTIONS OF 10/100/ 1000 MBIT/S

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 cross-over or uplink ports.
- Compatible with max. 10/100/1000 Mbit/s (half duplex) and max. 20/200/2000 Mbit/s (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

Mounting eyelets for wall installation.



64563 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 Mbit/s (half duplex) and max. 20/200/2000 Mbit/s (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

Mounting eyelets for wall installation.



64564 Retail Box



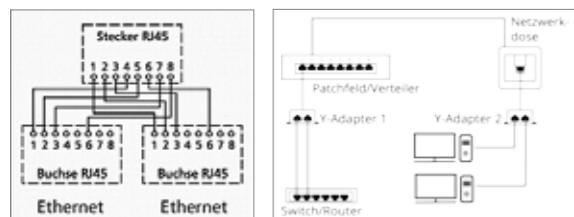




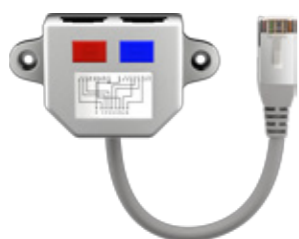
### Goobay LAN Cable Distributor (Network Coupler), Y-Adapter

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: 2x 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



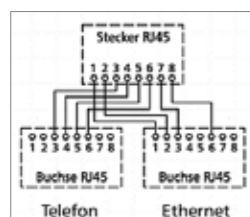
68908 Bulk



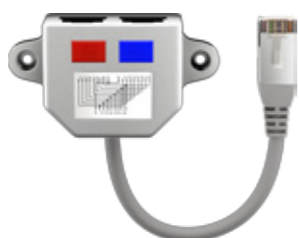
### Goobay Cable Splitter (Y-Adapter)

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



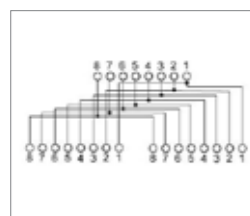
68909 Bulk



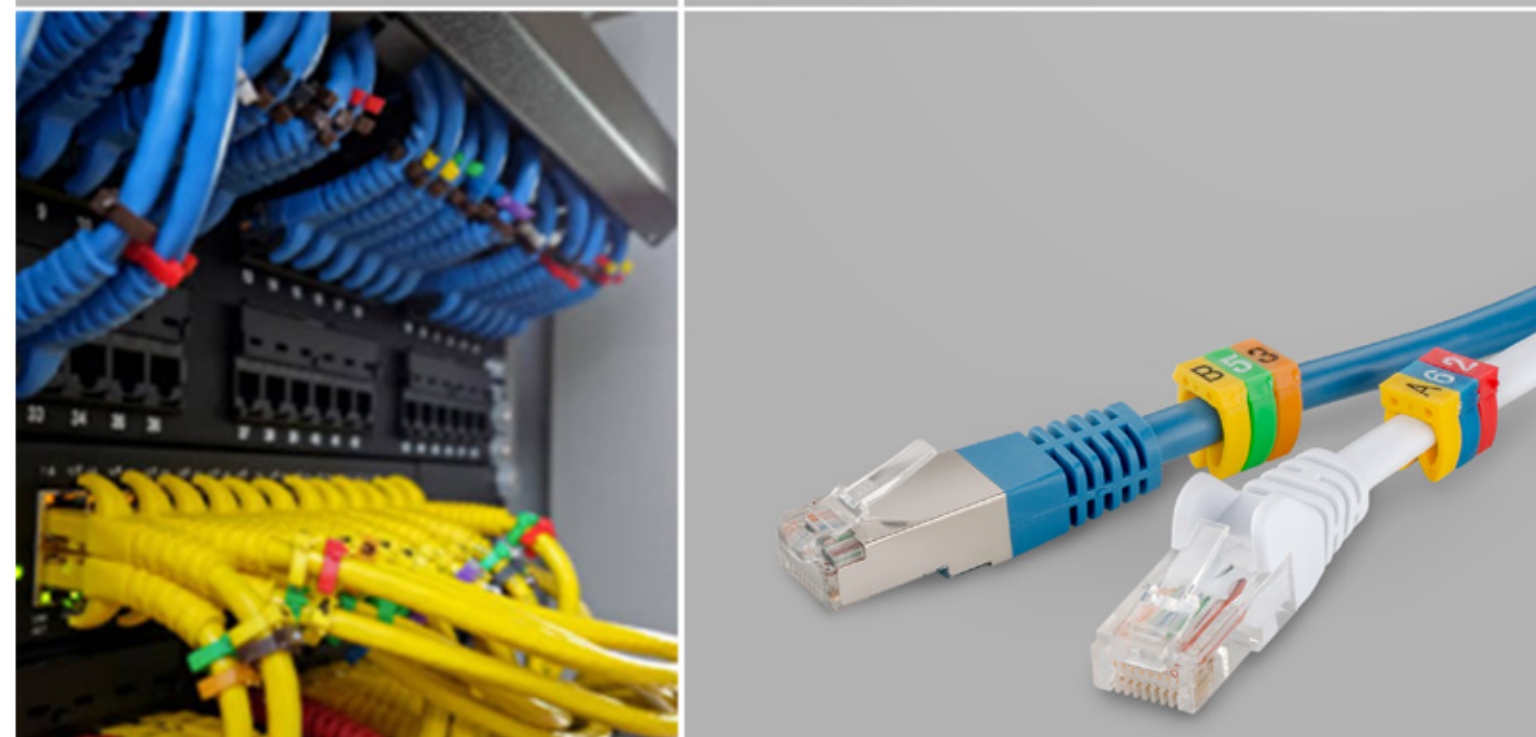
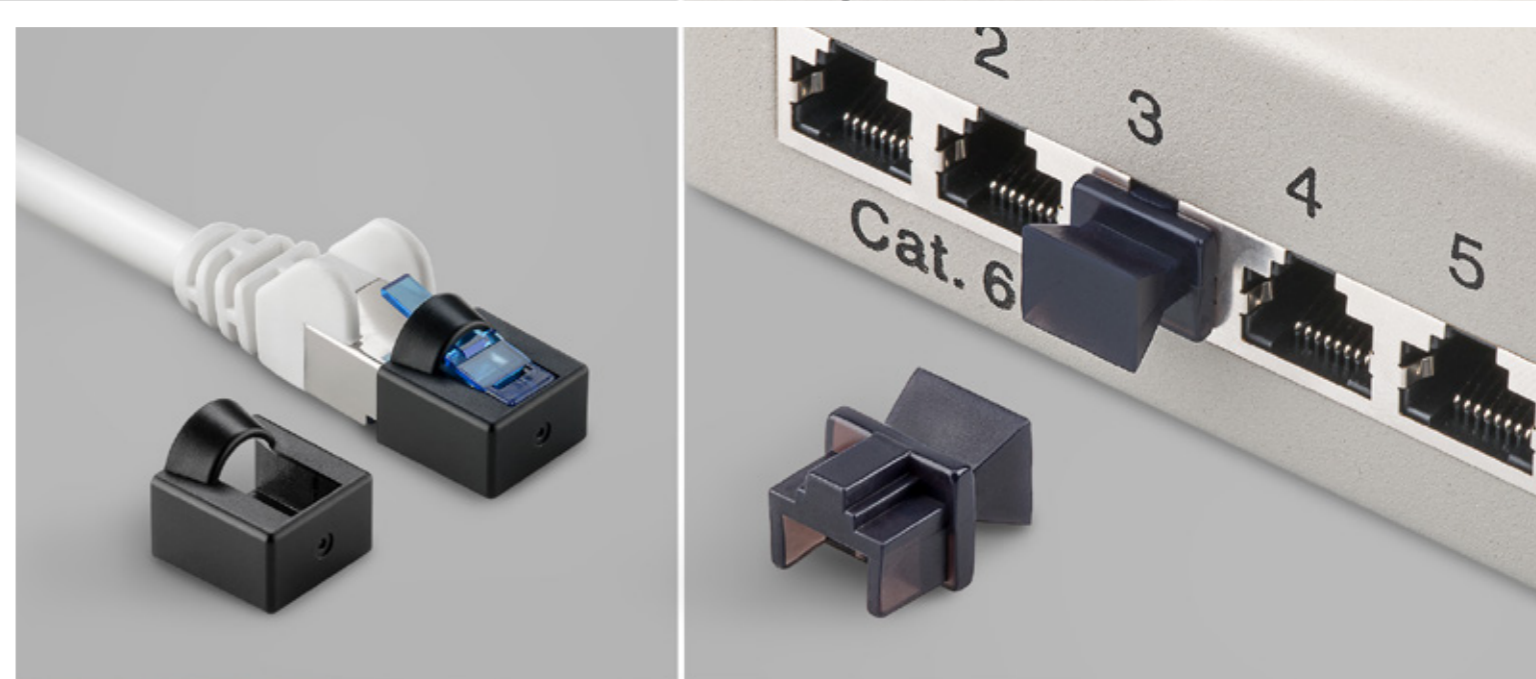
### Goobay Cable Splitter (Y-Adapter)

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



## 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 MM<sup>2</sup>



## 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



## Goobay

## Cable Marker Clips "Digits 0-9"

10x10 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

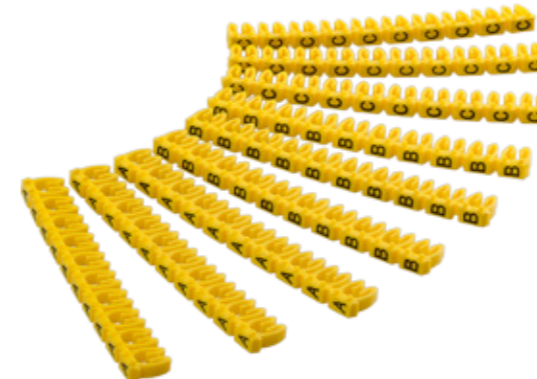
2.50 mm	72513	Retail Polybag
4.00 mm	72514	Retail Polybag
6.00 mm	72515	Retail Polybag



## 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



## 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

## 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

## 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.

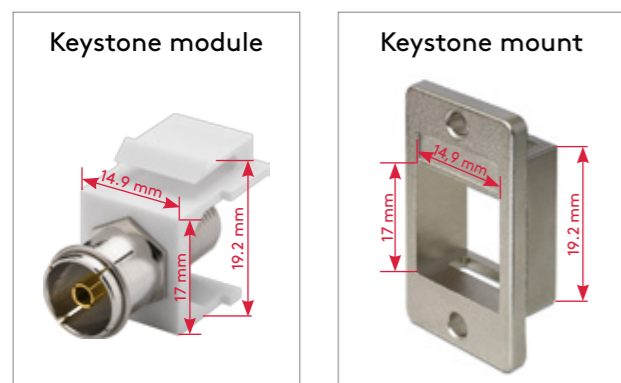
### Exceptional diversity

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.



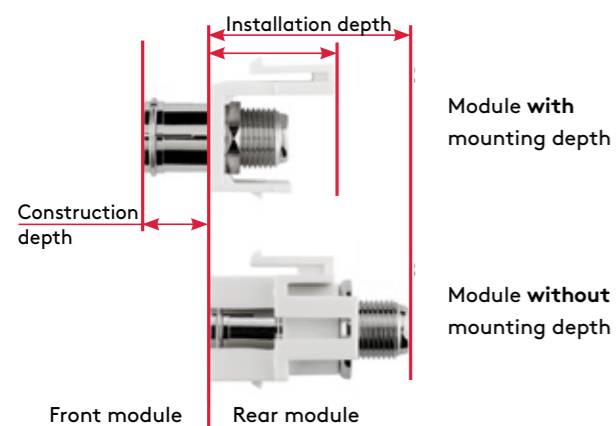
# Standardisation and assembly

## Standardised dimensions

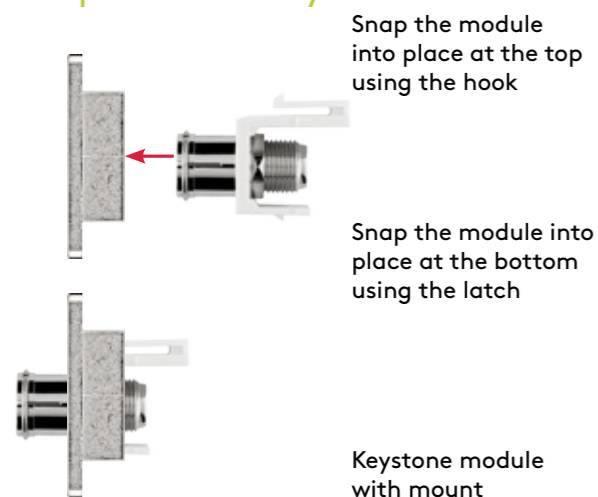


## Depth of construction

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

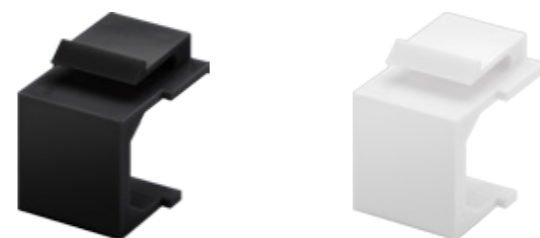
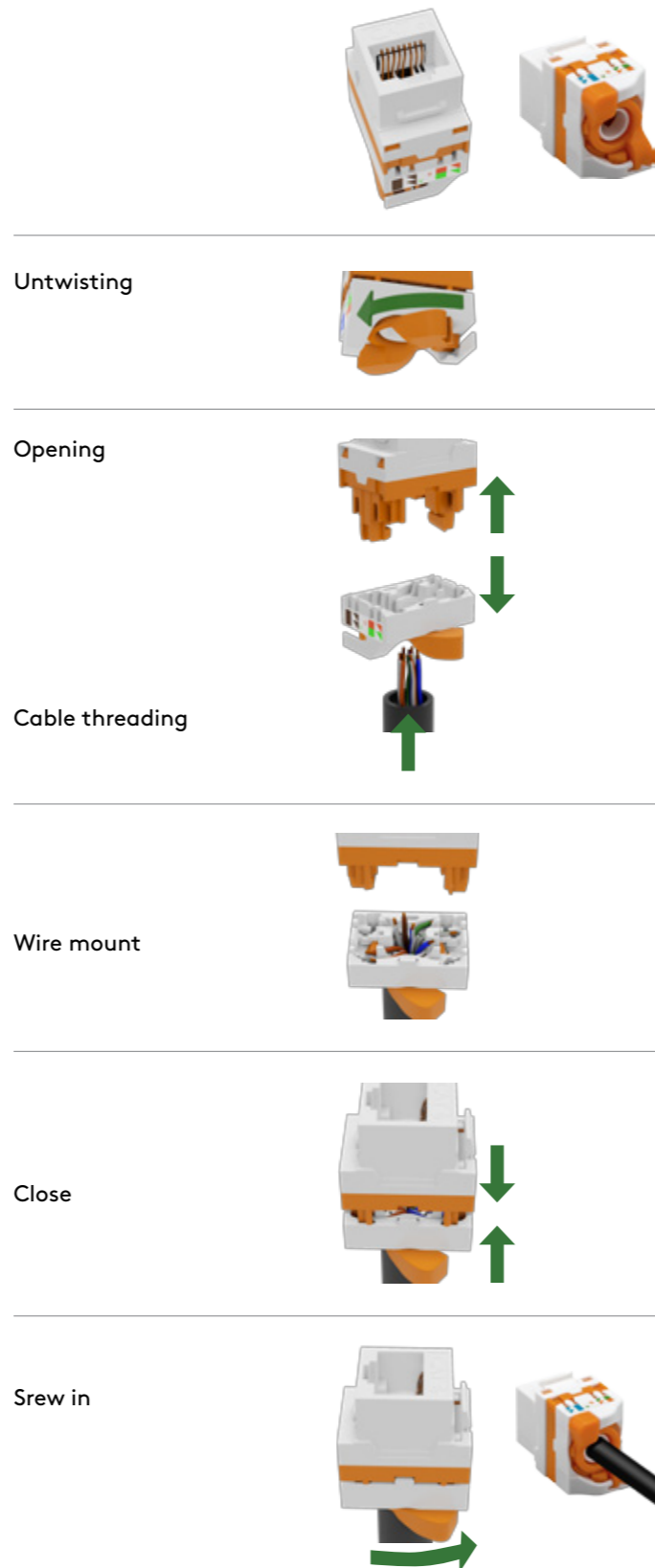


## Snap-in assembly



## Tool-free cable assembly

Cable fixation by twisting (93826, 93827)



**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 8.1, STP, GHMT-certified

15.8 mm wide, crocodile type, for IDC connection (toolless)

- Ideally suited as a connector for setting up a CAT 8.1 channel
- GHMT-certified for a transmission distance of 1x 24 m installation cable plus 2x 3 m patch cord in a 2-connector channel (8.1 Standard Class I with an operating frequency of up to 2 GHz) \*
- For round cables with 5.0-8.5 mm diameter and a solid conductor (AWG 22/1 - 26/1) or stranded conductor (AWG 22/7 - 26/7)
- For quick, tool-free mounting in patch panels, network sockets or housings
- The RJ45 coupler is suitable for Power over Ethernet (PoE+, 4PPoE, Ultra PoE) according to IEEE802.3bt and supports 25GBase-T and 40GBase-T (downward compatible).
- The RJ45 Keystone is suitable for top-of-rack and middle-of-row architectures in data centres.
- The 3 µin gold-plated contacts and STP screen of the zinc die-cast housing ensure durability and perfect signal transmission.



61129 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



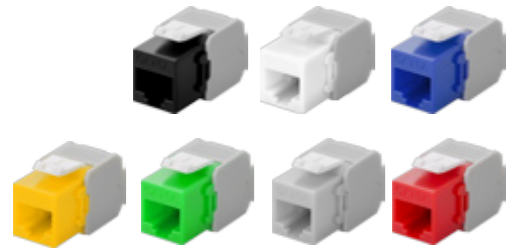


## Goobay

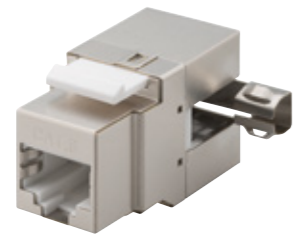
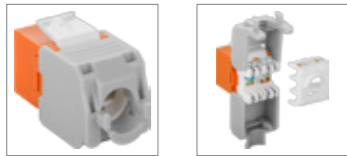
## Keystone Module RJ45 CAT 6A, UTP

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

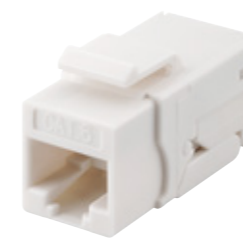
## Keystone Module RJ45 CAT 6, UTP, 250 MHz

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

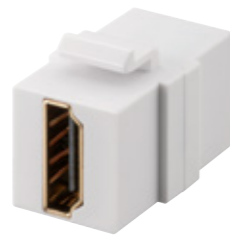
## Keystone Module RJ45 CAT 5e, UTP, 100 MHz

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 &gt; 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 &gt; 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 &gt; 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 &gt; 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







Goobay

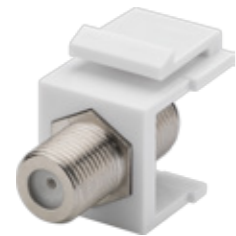
**Keystone Module SAT/Antenna, Flush Mount**

18.9 mm width, coaxial male &gt; 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

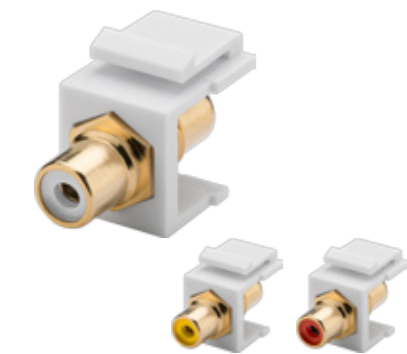
**Keystone Module SAT/Antenna**

16.2 mm width, F female &gt; 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

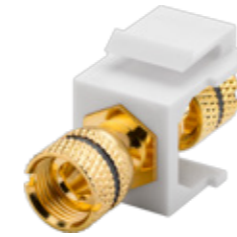
**Keystone Cinch/RCA Module**

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 &gt; 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 Module USB-C™ Connector, USB 3.2 Gen 2 (10 Gbit/s)**

USB-C™ female &gt; USB-C™ female

- USB type C connector supports particularly fast data and video transmission at up to 10 Gbit/s
- UHD-capable with resolutions of up to 4K @ 60 Hz (3840 x 2160 pixels)
- Extremely versatile, e.g. to connect 2x USB-C™ cables and extend your connection or as a Keystone jack in a distribution panel, wall socket or desk insert
- Practical solution for the office, hotel or even conference room with structured cabling to connect projectors, notebooks and smartphones
- The Keystone jack adapter with a female to female connection is attached to the patch panel or chassis by snap-in mounting.
- Suitable for USB Power Delivery up to max. 5 A/100 W and a rated voltage of 5-20 V at 5 A rated current in standard operation
- USB-C™ coupler with SuperSpeed USB 10Gbps, backwards compatible with Hi-Speed USB and USB 3.2 Gen 1 SuperSpeed USB 5Gbps



black	61261	Bulk
white	61262	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



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

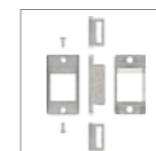


Goobay

### 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

79355 Bulk

2 port

79366 Bulk

4 port

79376 Bulk

6 port

79379 Bulk

8 port

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.

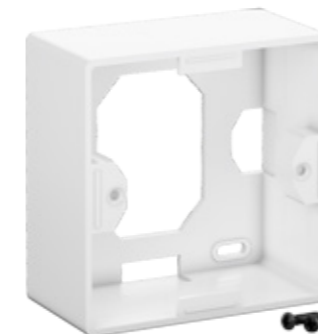
95902 Bulk



## 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







## EASY & RELIABLE CABLE MANAGEMENT

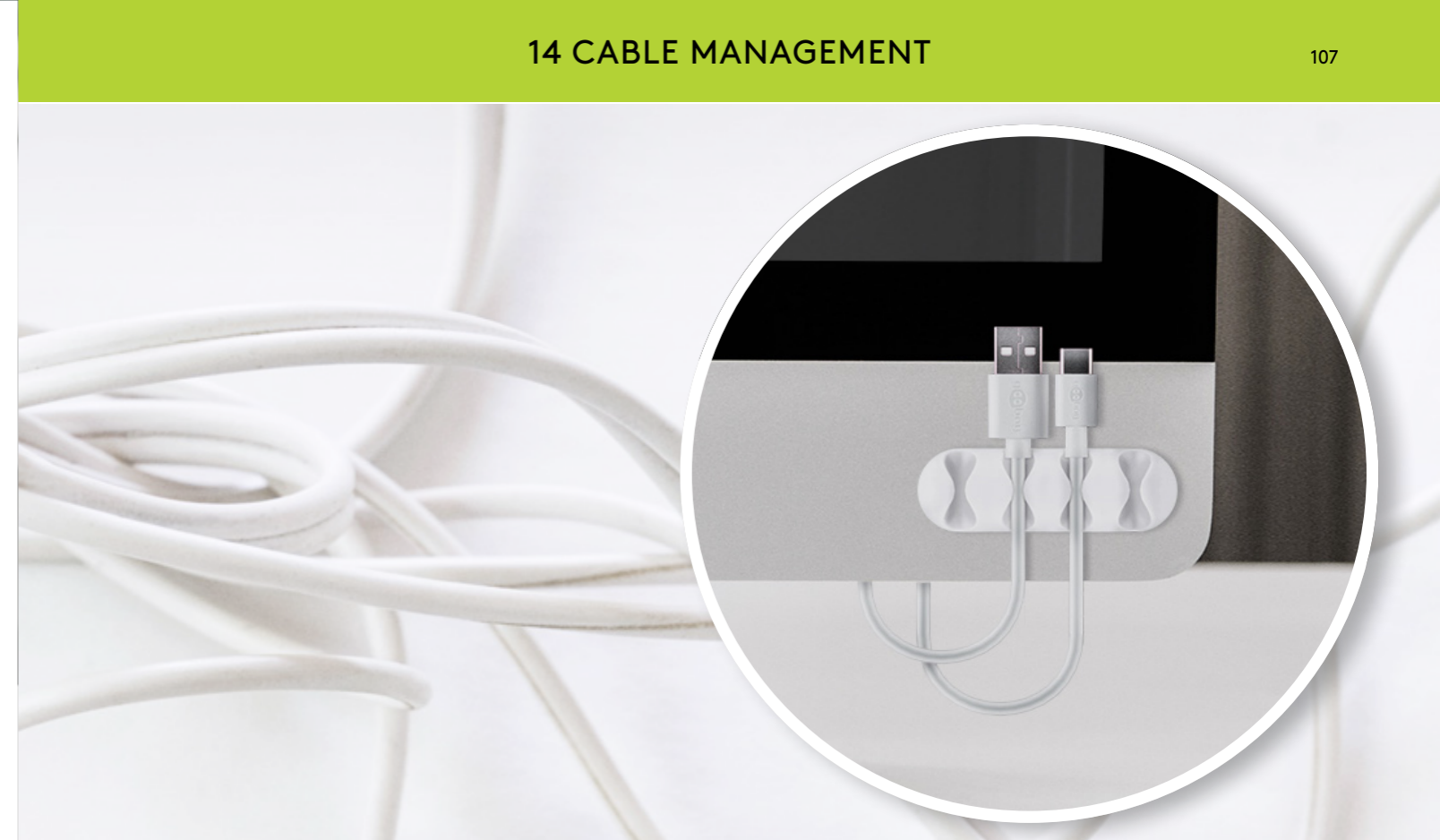
FLEXIBLE SLOTS AND CLIPS

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.

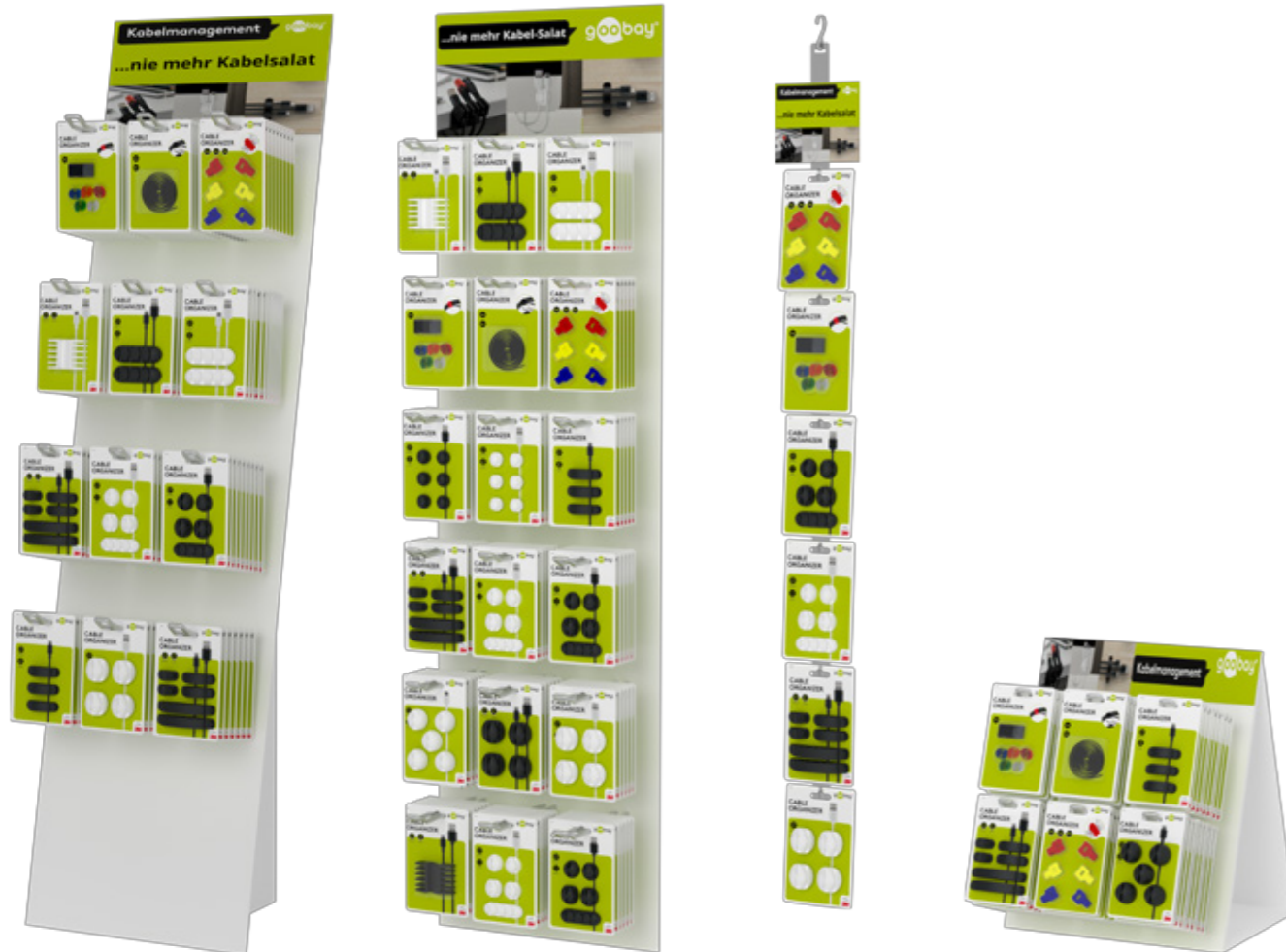
## Point of Sale Support

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

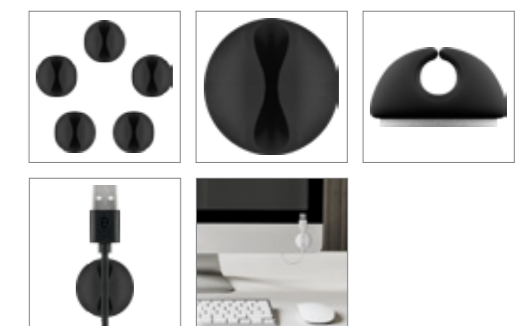
5-piece set for organising and attaching cables; removable

- 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

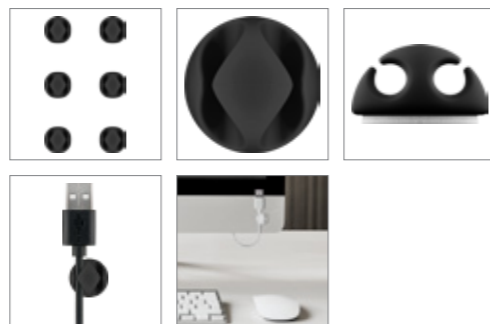
5-piece set for organising and attaching cables; removable

- 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  
**3M**



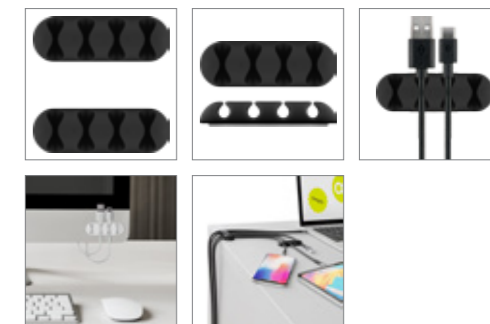
**Goobay**  
**Cable Management 2 Slots**

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  
**3M**



**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  
**3M**



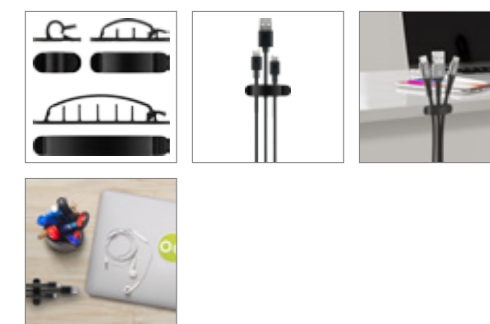
**Goobay**  
**Cable Management 3 Slots**

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

strong self-adhesive  
**3M**



**Goobay**  
**Cable Management Clip Set**

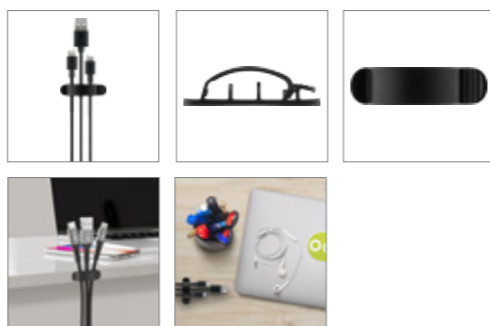
6-piece set for organising and attaching cables; removable

- 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
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strong self-adhesive  
**3M**

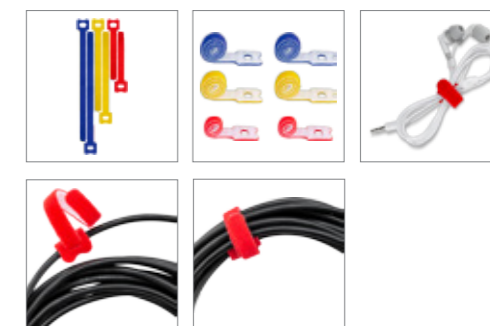


**Goobay**  
**Cable Management Clip 3 Slots**

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



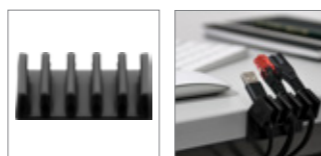
**Goobay**  
**Cable Management Set with Hook-and-Loop Fastener with Loop**

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

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

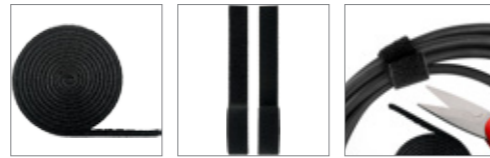


**Goobay**  
**Cable Management Set with Hook-and-Loop Fastener**

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



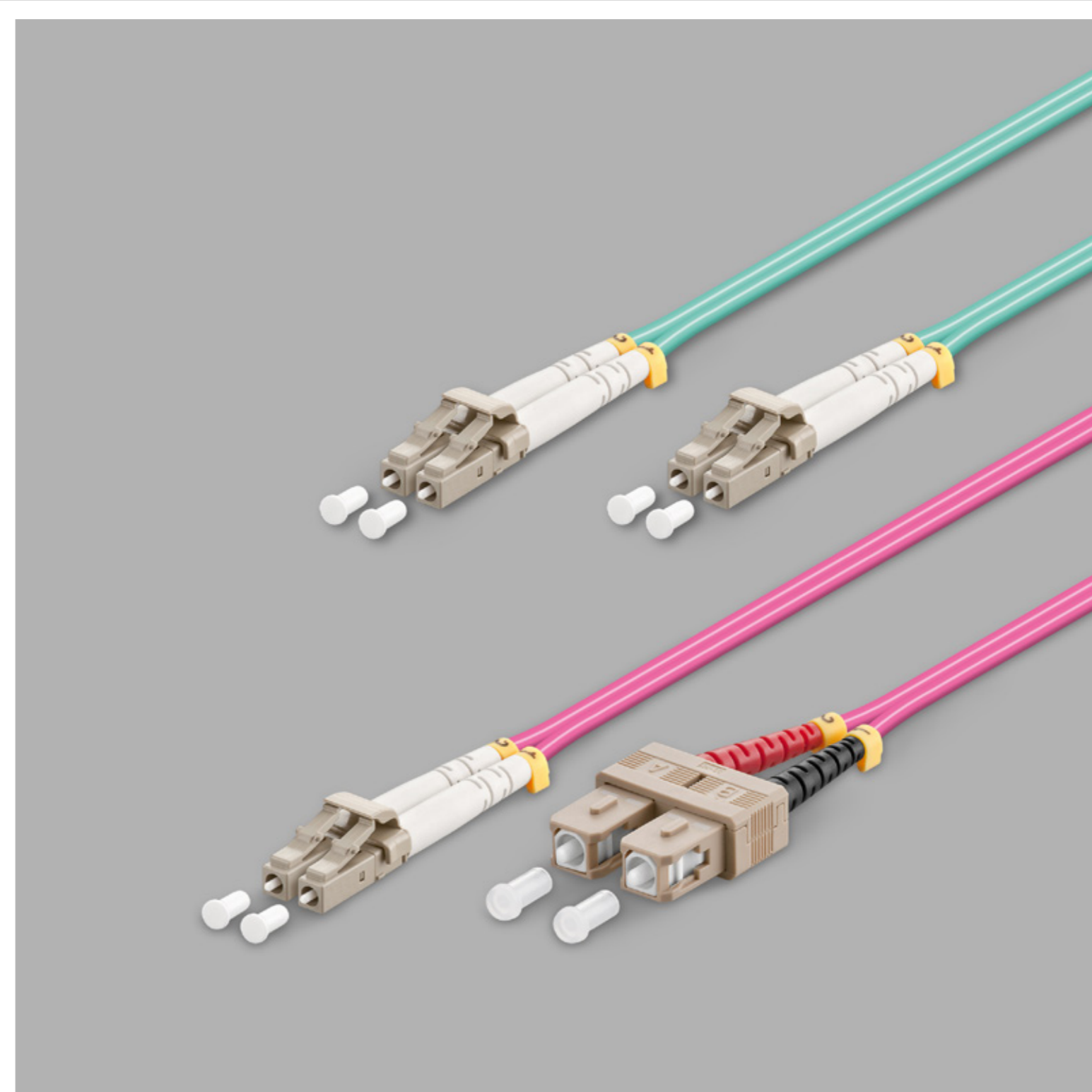
### Goobay

#### 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

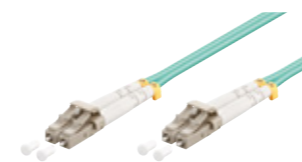
## The key facts about fibre-optic cables

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



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

### 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



## 15 OPTICAL FIBRE – OM4 DUPLEX



Version	Multimode (OM4) violett	
	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

### Goobay

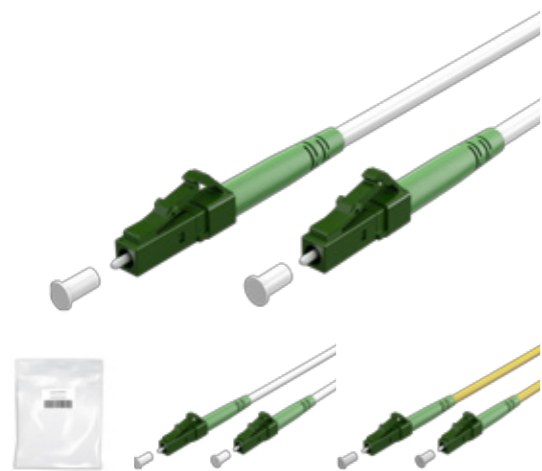
#### Fibre Optic Cable, Multimode (OM4) Violett

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







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

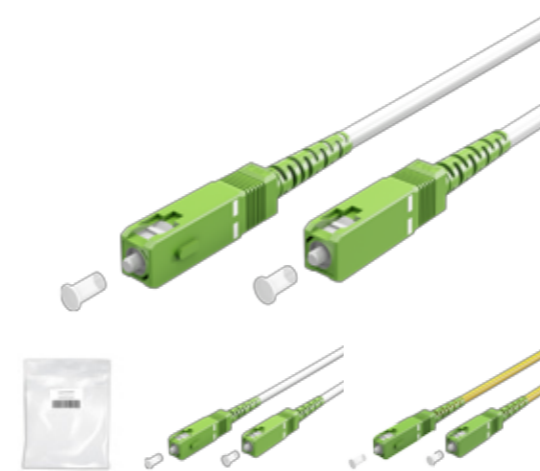
Goobay

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	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
Operating temperature up to	85°C

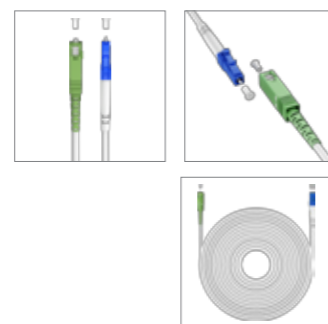
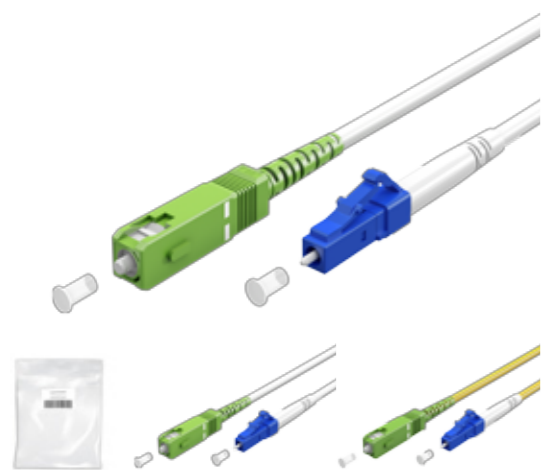
Goobay

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

Optical fibre (FOC), SC-APC male > SC-APC male, 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	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	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

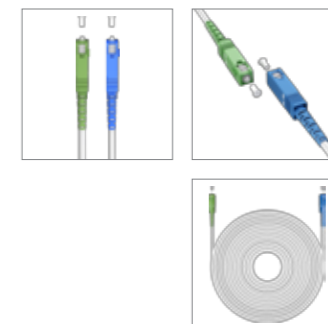
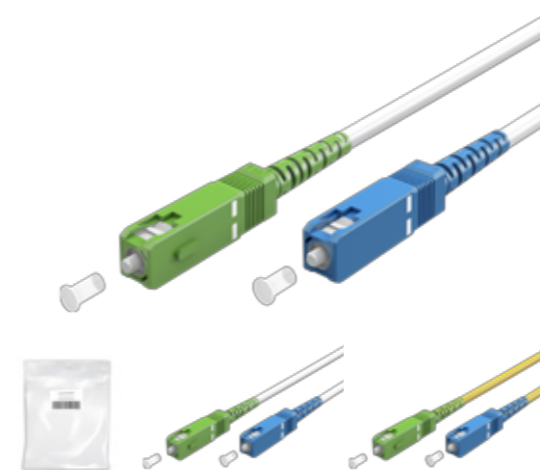
Goobay

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

Optical fibre (FOC), SC-APC male > LC-UPC male, 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.
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- 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	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-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 fiber 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

Goobay

Fibre optic cable (FTTH), Singlemode (OS2), (Simplex)

Optical fibre (FOC), SC-APC male > SC-UPC male, 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.
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- 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	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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