



FUTURE-PROOF 10GBASE-T SOLUTIONS FOR YOUR IT INFRASTRUCTURE

COMPONENTS FOR CLASS E_A CABLING SYSTEMS
WITH RJ45 MODULE KS-TC PLUS CAT.6_A (IEC)

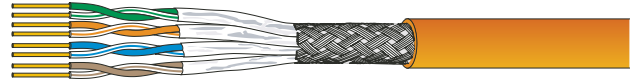
PRODUCT OVERVIEW

HIGH-PERFORMANCE COPPER CABLING

Datwyler copper cabling systems offer high investment security for the future, as they keep up with constantly increasing transmission rates and enable you to exploit the full potential of your IT network.

With the components in this guide, you can install Class E_A cabling systems up to 500 MHz which offer great headroom at the required limit values of the 10GBase-T standard. In doing so, the RJ45 module KS-TC Plus from Datwyler plays a central role. This Keystone module fully complies with the requirements of international standard IEC 60603-7-51 for Category 6_A.

SHIELDED DATA CABLE FOR CLASS E_A NETWORKS



Article No.	Dimension	Cable	Colour	Characteristics
18292500DK	4 x 2 x 0,64 (AWG 22)	CU 7150 4P Multimedia 1500 MHz Cat. 7 _A	orange	
17740000DK	4 x 2 x 0,62 (AWG 22)	CU 7702 4P 1200 MHz Cat. 7 _A	orange	
19146600DK	4 x 2 x 0,59 (AWG 23)	CU 7120 4P 1200 MHz Cat. 7 _A	orange	
18851400DK	4 x 2 x 0,57 (AWG 23)	CU 7052 4P 1000 MHz Cat. 7	orange	
18291100DK	4 x 2 x 0,57 (AWG 23)	CU 7080 4P 1000 MHz Cat. 7	orange	
18768900EL	4 x 2 x 0,55 (AWG 23) Industrial PUR	CU 7002 4P 1000 MHz Cat. 7	orange	
19192300FK	4 x 2 x 0,57 (AWG 23)	CU 7002 4P 1000 MHz, Cat. 7 with rodent protection and PE cable sheath	orange	
18292400DK	4 x 2 x 0,55 (AWG 23)	CU 7060 4P 500 MHz Cat. 6 _A	orange	
19145300DK	4 x 2 x 0,55 (AWG 23)	CU 6502 4P 500 MHz, Category 6 _A	orange	

Versions with other Euroclasses and packagings available on request - please refer to the online data sheets on www.cabling.datwyler.com / Products

RoHS	4PPoE / 90W AWG22	4PPoE / 90W AWG23	PoE+ / 30W < AWG22	PoE / 15W	Euroclass D _{ca}
	Zero halogen non corrosive gases	Flame propagation	Flame spread	Smoke density	Euroclass E _{ca}
					Euroclass F _{ca}

RJ45 MODULE KS-TC PLUS CAT.6_A, TOOL-LESS for 10 Gigabit Ethernet



Simple and quick connection - see for yourself!



Suitable for Class E_A Channel and Permanent Link:

Article No.	Description	Colour	PU
418069	RJ45 module KS-TC Plus Cat.6 _A (IEC), tool-less, shielded	Metal	12 pcs.
418062	Dust shutters for module KS-TC Plus Cat. 6 _A (1 set = 10 pcs.)	white	1 set
418063	Dust shutters for module KS-TC Plus Cat. 6 _A (1 set = 10 pcs.)	black	1 set
418064	Dust shutters for module KS-TC Plus Cat. 6 _A (1 set = 10 pcs.)	yellow	1 set
418065	Dust shutters for module KS-TC Plus Cat. 6 _A (1 set = 10 pcs.)	blue	1 set
418066	Dust shutters for module KS-TC Plus Cat. 6 _A (1 set = 10 pcs.)	green	1 set
418067	Dust shutters for module KS-TC Plus Cat. 6 _A (1 set = 10 pcs.)	red	1 set

You will find the data sheets at www.cabling.datwyler.com / Products

UP-K FACEPLATE 1X, 2X, 3X

flush / duct mounted

for 1, 2 or 3 RJ45 modules with Keystone fitting,
angled outlet



Similar figures

Article No.	Description	Colour (similar to)	PU
185866	UP-K Faceplate for 1 module with Keystone snap-in fitting, angled, with central plate 50 x 50 mm and cover frame 80 x 80 mm (delivery without module)	white, RAL 9010	1 pc.
185867	UP-K Faceplate for 2 modules with Keystone snap-in fitting, angled, with central plate 50 x 50 mm and cover frame 80 x 80 mm (delivery without modules)	white, RAL 9010	1 pc.
185869	UP-K Faceplate for 3 modules with Keystone snap-in fitting, angled, with central plate 50 x 50 mm and cover frame 80 x 80 mm (delivery without modules)	white, RAL 9010	1 pc.

You will find the data sheets and more faceplates at www.cabling.datwyler.com / Products

UP FACEPLATE 2X

flush mounted

for 2 RJ45 modules with Keystone fitting,
straight outlet



Article No.	Description	Colour (similar to)	PU
185861	UP Faceplate for 2 RJ45 Keystone modules, straight, with central plate 50 x 50 mm and cover frame 80 x 80 mm (delivery without modules)	white, RAL 9010	1 pc.
418010	Blank covers for Keystone openings (1 set = 10 pcs.)	white, RAL 9010	1 set

You will find the data sheets and more faceplates at www.cabling.datwyler.com / Products

SURFACE MOUNT BOX AND SPACER FRAME

for Datwyler data outlets



Article No.	Description	Colour (similar to)	PU
1406273	Surface mount box 80 x 80 x 40 mm with cover frame	white, RAL 9010	1 pc.
1406275	Spacer frame 80 x 80 x 10 mm for Surface mount box	white, RAL 9010	1 pc.

You will find the data sheet at www.cabling.datwyler.com / Products

AP SURFACE MOUNT BOX 2X, 4X, 6X, 12X

for 2, 4, 6 or 12 modules
with Keystone fitting,
straight outlet



Article No.	Description	Colour (similar to)	PU
309234	AP Surface mount box for 4 Keystone modules, 85 x 43.63 x 110 mm	metal / white	1 pc.
309235	AP Surface mount box for 6 Keystone modules, 125 x 43.63 x 110 mm	metal / white	1 pc.
309237	AP Surface mount box for 12 Keystone modules, 204.5 x 43.63 x 110 mm	metal / white	1 pc.
418035	AP Surface mount box for 2 Keystone modules, 68 x 65 x 30 mm	white, RAL 9010	1 pc.
418036	AP Surface mount box for 4 Keystone modules, 18 x 85 x 30 mm	white, RAL 9010	1 pc.
418037	AP Surface mount box for 2 Keystone modules, 68 x 65 x 30 mm, with dust shutters	white, RAL 9010	1 pc.
418038	AP Surface mount box for 4 Keystone modules, 18 x 85 x 30 mm, with dust shutters	white, RAL 9010	1 pc.
418039	AP Surface mount box for 6 Keystone modules, 173 x 85 x 30 mm, with dust shutters	white, RAL 9010	1 pc.
418010	Blank covers for Keystone openings	white, RAL 9010	10 pcs.
417486	Mounting plate for AP Surface mount box with adhesive strip and cable ties		1 pc.

Delivery without modules. You will find the data sheets at www.cabling.datwyler.com / Products

RAIL ADAPTER KEYSTONE IP20

for mounting on standard rails

for 1 Keystone module



Article No.	Description	Colour (similar to)	PU
418026	Rail adapter Keystone IP20 for 1 module with Keystone fitting (delivery without module)	grey, RAL 7035	1 pc.
418025	Rail adapter Keystone for 1x KS-T/KU-T/KS-TC (delivery without module)	metal	1 pc.

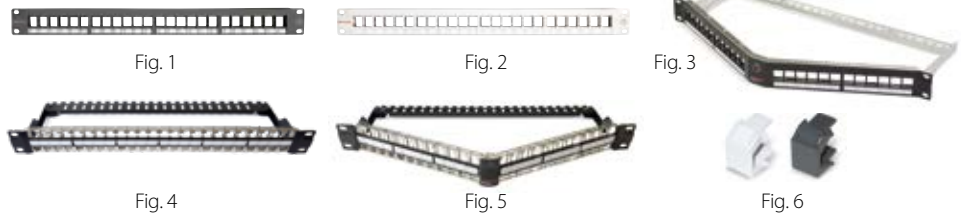
You will find the data sheets at www.cabling.datwyler.com / Products

PATCH PANEL KS 24x / 48x

for 24 resp. 48 modules

with Keystone fitting

shielded



Article No.	Fig.	Description	Colour (similar to)	PU
418019	1	Patch panel KS 24x, straight, 19"/1U, for 24x RJ45 Keystone module	black, RAL 9005	1 pc.
418020	2	Patch panel KS 24x, straight, 19"/1U, for 24x RJ45 Keystone module	grey, RAL 7035	1 pc.
4000099	3	Patch panel KS 24x-a, angled, 19"/1U, for 24x RJ45 Keystone module	black, RAL 9005	1 pc.
400098		Top cover for patch panel KS24x-a, to separate the warm and cold airflow	steel	1 pc.
418120	4	Patch panel KS 48x, straight, 19"/1U, for 48x KS-TC Plus	black, RAL 9005	1 pc.
418099	5	Patch panel KS 48x-a, angled, 19"/1U, for 48x KS-TC Plus	black, RAL 9005	1 pc.
418010	6	Blank covers for Keystone openings (1 set = 10 pcs.)	white, RAL 9010	1 set
418011	6	Blank covers for Keystone openings (1 set = 10 pcs.)	black, RAL 9005	1 set

Delivery of all panels without modules.

Termination aids, labelling strips and more accessories: see www.cabling.datwyler.com / Products

PHONE PANEL CAT.3



Article No.	Description	Colour (similar to)	PU
418000	Phone panel CU 25/4 with 25x RJ45 jacks, Cat.3, metal chassis	grey, RAL 7035	1 pc.
418001	Phone panel CU 50/4 with 50x RJ45 jacks, Cat.3, metal chassis	grey, RAL 7035	1 pc.
418002	Phone panel CU 25/4 with 25x RJ45 jacks, Cat.3, metal chassis	black, RAL 9005	1 pc.
418003	Phone panel CU 50/4 with 50x RJ45 jacks, Cat.3, metal chassis	black, RAL 9005	1 pc.
1401624	Patch panel termination aid (1 set = 2 angular sheets)		1 set
1401609	LSA Plus termination tool for LSA punch down contacts		1 pc.
185896	IDC termination tool 110		1 pc.

You will find the data sheet at www.cabling.datwyler.com / Products

MANAGEMENT PANEL AND CABLE SHELF

different versions



Article No.	Description	Colour/ material	PU
1411480	Support bracket 30 mm	black plastic	1 pc.
1411481	Support bracket 75 mm	metal	1 pc.
1411482	Support bracket 110 mm	metal	1 pc.
1411604	Management panel 19"/1U for 5 support brackets (delivery without brackets)	grey, RAL 7035	1 pc.
1407689	Management panel 19"/1U for 5 support brackets (delivery without brackets)	black, RAL 9005	1 pc.
418200	Management panel 19"/1U for 5 support brackets (delivery without brackets)	stainless steel, blank	1 pc.
401240	19" blank plate, 1U	grey, RAL 7035	1 pc.
401241	19" blank plate, 1U	black, RAL 9005	1 pc.
401242	19" blank plate, 1U	stainless steel, blank	1 pc.
401243	19" blank plate, 2U	grey, RAL 7035	1 pc.
401244	19" blank plate, 2U	black, RAL 9005	1 pc.
401245	19" blank plate, 2U	stainless steel, blank	1 pc.
401247	Cable feedthrough panel with strip 19"/1U	grey, RAL 7035	1 pc.
401248	Cable feedthrough panel with strip 19"/1U	black, RAL 9005	1 pc.
401249	Cable feedthrough panel with strip 19"/1U	stainless steel, blank	1 pc.
400300	19" cable shelf, depth adjustable due to slide rails (from 520 mm up to 850 mm)		1 pc.

You will find the data sheet at www.cabling.datwyler.com / Products

CONSOLIDATION POINT BOX

24, 12 or 6 port front plates



Article No.	Description	Material	PU
417483	Consolidation Point box, 12 port (delivery without front plate)	metal	1 pc.
417484	Front plate FP 12x MGK for Consolidation Point box 12 port	metal	1 pc.
417487	Consolidation Point box 6 port (delivery without front plate)	metal	1 pc.
417488	Front plate FP 6x MGK for Consolidation Point box 6 port	metal	1 pc.
417489	Consolidation Point box 24 port (delivery without front plate)	metal	1 pc.
417490	Front plate FP 24x MGK for Consolidation Point box 24 port	metal	1 pc.
417485	Lock for Consolidation Point box, keyed alike	metal	1 pc.

You will find the data sheets at www.cabling.datwyler.com / Products

RJ45 PATCH CORD, SHIELDED CAT.6_A (IEC), 500 MHZ



Length	Article No. RJ45 patch cord Cat.6 _A shielded, wiring 1:1 (with CU 7702 4P flex FRNC/LS0H ¹⁾ Cat.7)					
	grey	green	yellow	red	blue	orange
0.5 m	653503	653553	653603	653653	653703	(653753)*
1.0 m	653508	653558	653608	653658	653708	653758
1.5 m	653509	653559	653609	653659	653709	(653759)*
2.0 m	653510	653560	653610	653660	653710	653760
2.5 m	653511	653561	653611	653661	653711	(653761)*
3.0 m	653512	653562	653612	653662	653712	653762
4.0 m	653514	653564	653614	653664	653714	(653764)*
5.0 m	653516	653566	653616	653666	653716	653766
6.0 m	653518	653568	653618	653668	653718	(653768)*
7.0 m	653520	653570	653620	653670	653720	653770
8.0 m	653522	653572	653622	653672	653722	(653772)*
9.0 m	653524	653574	653624	653674	653724	(653774)*
10.0 m	653526	653576	653626	653676	653726	(653776)*
12.5 m	653527	653577	653627	653677	653727	(653777)*
15.0 m	653528	653578	653628	653678	653728	(653778)*
20.0 m	653530	653580	653630	653680	653730	(653780)*

Note: Products marked with (*) and lengths up to 100 m are not on stock but can be made to order. Please do not hesitate to contact us for details.

¹⁾ FRNC/LS0H = Flame Retardant Non Corrosive / Low Smoke Zero Halogen

You will find the data sheets and more patch cords at www.cabling.datwyler.com / Products

CABLE CLIPS 2D

for labelling of patch cords



Article No.	Description	PU
400312	Cable clip 2D (to be attached to existing patch cords) without self-laminating label (1 set = 50 pcs.)	1 set

You will find the data sheet at www.cabling.datwyler.com / Products

FACTORY-ASSEMBLED COPPER DATA CABLES

Datwyler's copper flex trunks are extremely slim and easy to handle.

You are looking for pre-assembled copper data cables?

Please do not hesitate to ask us for a customized solution.



NETWORK RACK PREMIUM DNRP

19"/ 27U, 42U and 48U



Article No.	Description	Load [kg]	Weight [kg]	Dimensions [HxWxD]	Colour (similar to)	PU
195014	Network Rack Premium DNRP-42-80/80	800	134	42U, 2000 x 800 x 800 mm	grey, RAL 7035	1 pc.
195015	Network Rack Premium DNRP-42-80/100	800	157	42U, 2000 x 800 x 1000 mm	grey, RAL 7035	1 pc.
195016	Network Rack Premium DNRP-42-80/120	800	175	42U, 2000 x 800 x 1200 mm	grey, RAL 7035	1 pc.
195017	Network Rack Premium DNRP-48-80/80	800	147	48U, 2200 x 800 x 800 mm	grey, RAL 7035	1 pc.
195018	Network Rack Premium DNRP-48-80/100	800	173	48U, 2200 x 800 x 1000 mm	grey, RAL 7035	1 pc.
195019	Network Rack Premium DNRP-48-80/120	800	208	48U, 2200 x 800 x 1200 mm	grey, RAL 7035	1 pc.
195020	Network Rack Premium DNRP-27-80/80	400	100	27U, 1300 x 800 x 800 mm	grey, RAL 7035	1 pc.
195021	Network Rack Premium DNRP-27-80/100	400	124	27U, 1300 x 800 x 1000 mm	grey, RAL 7035	1 pc.

WALL-MOUNT RACK PREMIUM DWMR

19"/ 9U, 12U, 15U and 18U



Article No.	Description	Load [kg]	Weight [kg]	Dimensions [HxWxD]	Colour (similar to)	PU
195033	Wall Mount Rack Premium DWMR-9-60/50	40	23	9U, 500 x 600 x 500 mm	grey, RAL 7035	1 pc.
195034	Wall Mount Rack Premium DWMR-12-60/50	40	26	12U, 630 x 600 x 500 mm	grey, RAL 7035	1 pc.
195035	Wall Mount Rack Premium DWMR-15-60/50	40	30	15U, 760 x 600 x 500 mm	grey, RAL 7035	1 pc.
195036	Wall Mount Rack Premium DWMR-18-60/50	40	36	18U, 900 x 600 x 500 mm	grey, RAL 7035	1 pc.
195037	Wall Mount Rack Premium DWMR-9-60/60	30	26	9U, 500 x 600 x 600 mm	grey, RAL 7035	1 pc.
195038	Wall Mount Rack Premium DWMR-12-60/60	30	29	12U, 630 x 600 x 600 mm	grey, RAL 7035	1 pc.
195039	Wall Mount Rack Premium DWMR-15-60/60	30	33	15U, 760 x 600 x 600 mm	grey, RAL 7035	1 pc.
195040	Wall Mount Rack Premium DWMR-18-60/60	30	39	18U, 900 x 600 x 600 mm	grey, RAL 7035	1 pc.

You will find the data sheets, more racks, cabinets and accessories at www.cabling.datwyler.com / Products

MOUNTING KIT

Screws, cage nuts and washers
in a three-section box



Article No.	Description	PU
401261	Mounting kit, 50 screws, 50 cage nuts and 50 washers	1 set

WE WILL BE HAPPY TO ADVISE YOU!

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