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**NEW UTP  
PORTFOLIO**  
inside

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


CABLES AND COMPONENTS  
FOR CLASS E<sub>A</sub> CABLING SYSTEMS

PRODUCT OVERVIEW

# HIGH-PERFORMANCE COPPER CABLING

## SHIELDED DATA CABLES FOR CLASS E<sub>A</sub> NETWORKS







### Euroclass

B <sub>2ca</sub> Article No.	C <sub>ca</sub> Article No.	D <sub>ca</sub> Article No.	Sheath	Dimension n x n x mm	Sheath Ø mm	PU	Characteristics
<b>CU 7150 4P, S/FTP, Category 7<sub>A</sub> data cable, shielded, 1500 MHz</b>							
18292500BK	18292500CK	18292500DK	FRNC/LSOH <sup>(1)</sup>	4 x 2 x 0.64 (AWG 22)	7.8	1000 m drum	     
<b>CU 7702 4P, S/FTP, Category 7<sub>A</sub> data cable, shielded, 1200 MHz</b>							
17740000BK	17740000CK	17740000DK	FRNC/LSOH <sup>(1)</sup>	4 x 2 x 0.62 (AWG 22)	7.8	1000 m drum	     
<b>CU 7080 4P, F/FTP, Category 7<sub>A</sub> data cable, shielded, 1200 MHz</b>							
18291100BK	18291100CK	18291100DK	FRNC/LSOH <sup>(1)</sup>	4 x 2 x 0.57 (AWG 23)	7.2	1000 m drum	     
<b>CU 7060 4P, S/FTP, Category 7 data cable, shielded, 1000 MHz</b>							
18292400BK	18292400CK	18292400DK	FRNC/LSOH <sup>(1)</sup>	4 x 2 x 0.55 (AWG 23)	6.8	1000 m drum	     
<b>CU 6502 4P, U/FTP, Category 6<sub>A</sub> data cable, shielded, 500 MHz</b>							
19145300BK	19145300CK	19145300DK	FRNC/LSOH <sup>(1)</sup>	4 x 2 x 0.55 (AWG 23)	6.8	1000 m drum	     

Versions with other Euroclasses and packagings available on request - please refer to the online data sheets on [ITinfra.datwyler.com](http://ITinfra.datwyler.com)

## UNSHIELDED DATA CABLE FOR CLASS E<sub>A</sub> NETWORKS

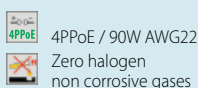
### Euroclass

B <sub>2ca</sub> Article No.	C <sub>ca</sub> Article No.	D <sub>ca</sub> Article No.	Sheath	Dimension n x n x mm	Sheath Ø mm	PU	Characteristics
<b>CU 692 4P, U/UTP, Category 6<sub>A</sub> data cable, unshielded, 500 MHz</b>							
19462600BL	19462600CL	19462600DL	FRNC/LSOH <sup>(1)</sup>	4 x 2 x 0.57 (AWG 23)	8	500 m drum	     

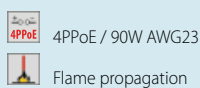
Versions with other Euroclasses and packagings available on request - please refer to the online data sheets on [ITinfra.datwyler.com](http://ITinfra.datwyler.com)



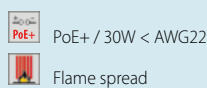
RoHS



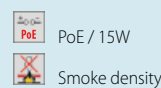
4PPoE / 90W AWG22  
Zero halogen  
non corrosive gases



4PPoE / 90W AWG23  
Flame propagation



PoE+ / 30W < AWG22  
Flame spread

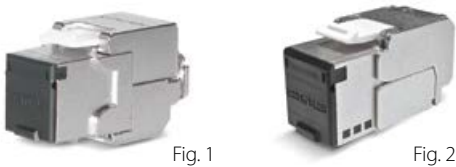


PoE / 15W  
Smoke density

Category 6<sub>A</sub> cables and connection technology are still the first choice for many companies around the world. They enable high transmission rates of up to 10 gigabits per second and allow the integration of speech (Voice-over-IP), video (CCTV) and other multimedia applications, offering reliable support for your building management systems and IT.

Datwyler IT Infra offers a complete portfolio of shielded and unshielded Category 6<sub>A</sub> products for customers who require a high-performance copper data network. The range includes thin, flexible data cables, patch cords, RJ45 modules, patch panels and data sockets, which can be used to set up a highly reliable Class E<sub>A</sub> structured building cabling system.

RJ45 MODULE KS-T PLUS 1/8 TOOL-LESS CAT.6<sub>A</sub> (IEC)  
for 10 Gigabit Ethernet

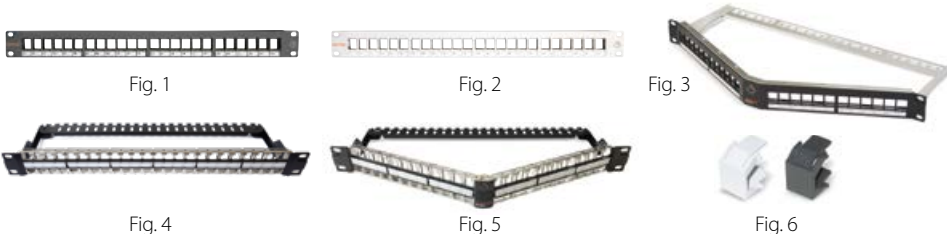


Suitable for Class E<sub>A</sub> Channel and Permanent Link:

Article No.	Fig.	Description	Colour	PU
418061	1	RJ45 module KS-T Plus Cat.6 <sub>A</sub> (IEC), tool-less, shielded, with dust shutter (black)	metal	10 pcs.
418069	2	RJ45 module KS-TC Plus Cat.6 <sub>A</sub> (IEC), compact, tool-less, shielded, with dust shutter (black)	metal	12 pcs.

You will find the data sheets at [ITinfra.datwyler.com](http://ITinfra.datwyler.com) > products.

PATCH PANELS KS 24x / 48x  
for 24 and 48 modules  
with Keystone fitting  
shielded



Article No.	Fig.	Description	Colour	PU
418019	1	Patch panel KS 24x, straight, 19"/1U, for 24x RJ45 Keystone module	black	1 pc.
418020	2	Patch panel KS 24x, straight, 19"/1U, for 24x RJ45 Keystone module	grey	1 pc.
4000099	3	Patch panel KS 24x-a, angled, 19"/1U, for 24x RJ45 Keystone module	black	1 pc.
400098		Top cover for patch panel KS 24x-a, angled, 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	1 pc.
418099	5	Patch panel KS 48x-a, angled, 19"/1U, for 48x KS-TC Plus	black	1 pc.
418010	6	Blank covers for unused KS openings in patch panels (1 set = 10 pcs.)	white	1 set
418011	6	Blank covers for unused KS openings in patch panels (1 set = 10 pcs.)	black	1 set

Delivery of all patch panels without modules.  
Fastening sets, labeling strips and other accessories: see at [ITinfra.datwyler.com](http://ITinfra.datwyler.com) > Products.

RJ45 MODULE KU-TC PLUS 1/8 TOOL-LESS, COMPACT, CAT.6<sub>A</sub> (IEC)  
for 10-Gigabit-Ethernet

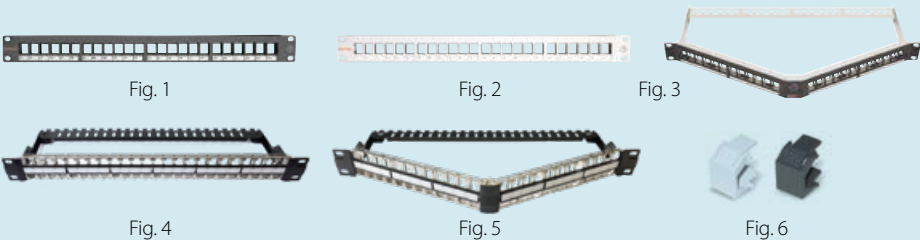


Suitable for Class E<sub>A</sub> Channel and Permanent Link:

Article No.	Fig.	Description	Colour	PU
418074	1	RJ45 module KU-TC Plus Cat.6 <sub>A</sub> (IEC), tool-less, unshielded, with dust shutter	white	12 pcs.
418075	2	RJ45 module KU-TC Plus Cat.6 <sub>A</sub> (IEC), tool-less, unshielded, with dust shutter	black	12 pcs.

You will find the data sheets at [ITinfra.datwyler.com](http://ITinfra.datwyler.com) > Products.

PATCH PANELS KS 24x / 48x  
for 24 and 48 modules  
with Keystone fitting  
unshielded



(see article list above)

RJ45 PATCH CORDS, SHIELDED  
CAT.6<sub>A</sub> (IEC), 500 MHZ



Length	RJ45 patch cords, Cat.6 <sub>A</sub> shielded, wiring 1:1 (with CU 7702 4P flex FRNC/LS0H <sup>1)</sup> Cat.7)							
	white	black	grey	green	yellow	red	blue	orange
0.5 m	65390300DY	65380300DY	65350000DY	65355300DY	65360300DY	65365300DY	65370300DY	65375300DY
1.0 m	65390800DY	65380800DY	65350300DY	65355800DY	65360800DY	65365800DY	65370800DY	65375800DY
1.5 m	65390900DY	65380900DY	65350800DY	65355900DY	65360900DY	65365900DY	65370900DY	65375900DY
2.0 m	65391000DY	65381000DY	65350900DY	65356000DY	65361000DY	65366000DY	65371000DY	65376000DY
2.5 m	65391100DY	65381100DY	65351000DY	65356100DY	65361100DY	65366100DY	65371100DY	65376100DY
3.0 m	65391200DY	65381200DY	65351100DY	65356200DY	65361200DY	65366200DY	65371200DY	65376200DY
4.0 m	65391400DY	65381400DY	65351200DY	65356400DY	65361400DY	65366400DY	65371400DY	65376400DY
5.0 m	65391600DY	65381600DY	65351400DY	65356600DY	65361600DY	65366600DY	65371600DY	65376600DY
6.0 m	65391800DY	65381800DY	65351600DY	65356800DY	65361800DY	65366800DY	65371800DY	65376800DY
7.0 m	65392000DY	65382000DY	65351800DY	65357000DY	65362000DY	65367000DY	65372000DY	65377000DY
8.0 m	65392200DY	–	65352000DY	65357200DY	65362200DY	65367200DY	65372200DY	65377200DY
9.0 m	65392400DY	65382400DY	65352200DY	65357400DY	65362400DY	65367400DY	65372400DY	65377400DY
10.0 m	65392600DY	65382600DY	65352600DY	65357600DY	65362600DY	65367600DY	65372600DY	65377600DY
12.5 m	65392700DY	65382700DY	65352700DY	65357700DY	65362700DY	65367700DY	65372700DY	65377700DY
15.0 m	65392800DY	–	65352800DY	65357800DY	65362800DY	65367800DY	65372800DY	65377800DY
20.0 m	65393000DY	65383000DY	65353000DY	65358000DY	65363000DY	65368000DY	65373000DY	65378000DY

Note: Products up to 20 m lenghts are available on stock. Products with lengths up to 100 m are not on stock but can be made to order.  
Please do not hesitate to contact us for details.

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

You will find the data sheets and more patch cords at [ITinfra.datwyler.com](http://ITinfra.datwyler.com) > Products.

RJ45 PATCH CORDS, UNSHIELDED  
CAT.6<sub>A</sub> (IEC), 500 MHZ



Length	RJ45 patch cords, Cat.6 <sub>A</sub> unshielded, wiring 1:1						
	white	black	grey	green	yellow	red	blue
0.5 m	65557000ZY	65559000ZY	65547000ZY	65549000ZY	65551000ZY	65553000ZY	65555000ZY
1.0 m	65557100ZY	65559100ZY	65547100ZY	65549100ZY	65551100ZY	65553100ZY	65555100ZY
1.5 m	65557200ZY	65559200ZY	65547200ZY	65549200ZY	65551200ZY	65553200ZY	65555200ZY
2.0 m	65557300ZY	65559300ZY	65547300ZY	65549300ZY	65551300ZY	65553300ZY	65555300ZY
3.0 m	65557500ZY	65559500ZY	65547500ZY	65549500ZY	65551500ZY	65553500ZY	65555500ZY
5.0 m	65557700ZY	65559700ZY	65547700ZY	65549700ZY	65551700ZY	65553700ZY	65555700ZY
7.0 m	65557900ZY	65559900ZY	65547900ZY	65549900ZY	65551900ZY	65553900ZY	65555900ZY
10.0 m	65558200ZY	65562000ZY	65548200ZY	65550200ZY	65552200ZY	65554200ZY	65556200ZY

Note: Products available up to 10 m lenghts are available on stock.  
Please contact us to request about the availability of the other colors and types in the table.

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

You will find the data sheets and more patch cords at [ITinfra.datwyler.com](http://ITinfra.datwyler.com) > Products.

# UP / AP FACEPLATES 1x - 6x (503 DESIGN)

surface/flush mounted  
for RJ45 modules with Keystone fitting



2-port faceplate



3-port faceplate



Blank cover



Surface-mount box

Article No.		Description	Colour	PU
440100		503 faceplate for 1 Keystone module, Italian standard	white	100 pcs.
440101		503 faceplate for 2 Keystone modules, Italian standard	white	100 pcs.
440102		503 faceplate for 3 Keystone modules, Italian standard	white	100 pcs.
440103		503 faceplate for 4 Keystone modules, Italian standard	white	100 pcs.
440105		Blank cover for 503 faceplate	white	100 pcs.
440104		503 faceplate for 6 Keystone modules, Italian standard	white	100 pcs.
440106		Surface-mount box for 503 faceplates, depth: 55 mm	white	100 pcs.
418034		Faceplate for Bezel 45 x 45 mm, French standard	white	1 pc.

You will find the data sheets at [ITinfra.datwyler.com](http://ITinfra.datwyler.com) > Products.

## FACEPLATE INSERTS

for RJ45 modules with Keystone fitting



Bticino Axolute



Bticino Living International



Bticino Living Light



Bticino Matix



Gewiss system



Vimar Plana

Article No.		Description	Colour	PU
440110		RJ45 faceplate insert for Bticino Axolute	black	100 pcs.
440111		RJ45 faceplate insert for Bticino Axolute	silver	100 pcs.
440112		RJ45 faceplate insert for Bticino Axolute	white	100 pcs.
440113		RJ45 faceplate insert for Bticino Living	black	100 pcs.
440115		RJ45 faceplate insert for Bticino Living Light	white	100 pcs.
440114		RJ45 faceplate insert for Bticino Living International	black	100 pcs.
440116		RJ45 faceplate insert for Bticino Living Light Tech	silver	100 pcs.
440117		RJ45 faceplate insert for Bticino Luna	white	100 pcs.
440118		RJ45 faceplate insert for Bticino Magic	ivory	100 pcs.
440119		RJ45 faceplate insert for Bticino Magic TT	ivory	100 pcs.
440120		RJ45 faceplate insert for Bticino Matix	white	100 pcs.
440130		RJ45 faceplate insert for Gewiss Chorus	black	100 pcs.
440131		RJ45 faceplate insert for Gewiss Chorus	titanium	100 pcs.
440132		RJ45 faceplate insert for Gewiss Chorus	white	100 pcs.
440133		RJ45 faceplate insert for Gewiss Playbus	black	100 pcs.
440135		RJ45 faceplate insert for Gewiss System	black	100 pcs.
440134		RJ45 faceplate insert for Gewiss System	black	100 pcs.
440140		RJ45 faceplate insert for Vimar Plana	white	100 pcs.
418030		Keystone Bezel, 1 port, 45 x 45 mm, straight	white	1 pc.
418031		Keystone Bezel, 1 port, slim, 45 x 22.5 mm, straight	white	1 pc.
418032		Keystone Bezel, 2 ports, 45 x 45 mm, straight	white	1 pc.
418033		Keystone Bezel, 2 ports, 45 x 45 mm, angled	white	1 pc.

You will find the data sheets at [ITinfra.datwyler.com](http://ITinfra.datwyler.com) > Products.

## CONSOLIDATION POINT BOXES

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.

Delivery without modules. You will find the data sheets at [ITinfra.datwyler.com](http://ITinfra.datwyler.com) > Products

## AP SURFACE MOUNT BOXES

2x, 4x, 6x, 12x

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



Article No.	Description	Colour	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	1 pc.
418036	AP Surface mount box for 4 Keystone modules, 18 x 85 x 30 mm	white	1 pc.
418037	AP Surface mount box for 2 Keystone modules, 68 x 65 x 30 mm, with dust shutters	white	1 pc.
418038	AP Surface mount box for 4 Keystone modules, 18 x 85 x 30 mm, with dust shutters	white	1 pc.
418039	AP Surface mount box for 6 Keystone modules, 173 x 85 x 30 mm, with dust shutters	white	1 pc.
417486	Mounting plate for AP Surface mount box with adhesive strip and cable ties		1 pc.
309238	Adapter plate for DIN rail mounting (delivery without M4 screws)	metal	1 pc.
309233	Mini adapter plate for DIN rail mounting (with M4 screw)	metal	1 pc.

Delivery without modules. You will find the data sheets at [ITinfra.datwyler.com](http://ITinfra.datwyler.com) > Products

