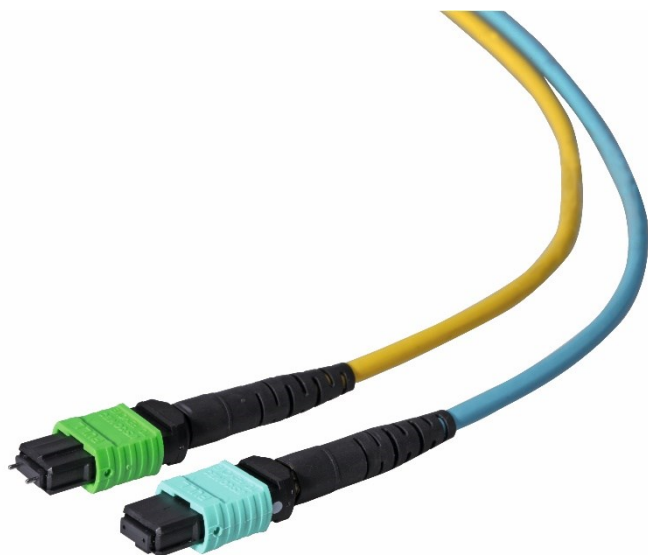


Fiber optic patchcord

MTP® Premium

MTP® Premium fiber optic patchcord is an FCA company product - a Polish manufacturer, integrator and supplier of specialised solutions for comprehensive construction of optical networks. The brand assortment is distinguished by careful manufacture, safety and high quality controlled in our own optical fiber laboratory. The products are available in many configurations to suit customer needs.



features:

- MTP® Elite connectors,
- MTP® Multi-fiber Termination Push On for fiber networks applications 40G, 100G i 400G,
- 8-, 12- or 24 fiberoptic connections,
- boot color code for different fiber count,
- removable housing for quick gender change (male/female),
- polarity change possible without the use of special tools,
- optimization and space saving,
- manufacturer's logo on the housing,
- trademark of US Conec.

standards/certificates:

- IEC 61754-7
 - IEC 61300-3-4-B
 - IEC 61300-3-6-B
 - GR-326-CORE
 - ITU-T G.657
 - TIA 604-5 Type MPO
 - TIA-568.3
 - UL 94 V-0*
 - CPR
 - REACH*
 - RoHS 2011/65/EU
- * Huber+Suhner certificates

applications:

- passive and active devices for the Data Center,
- recommended for high-density environments.

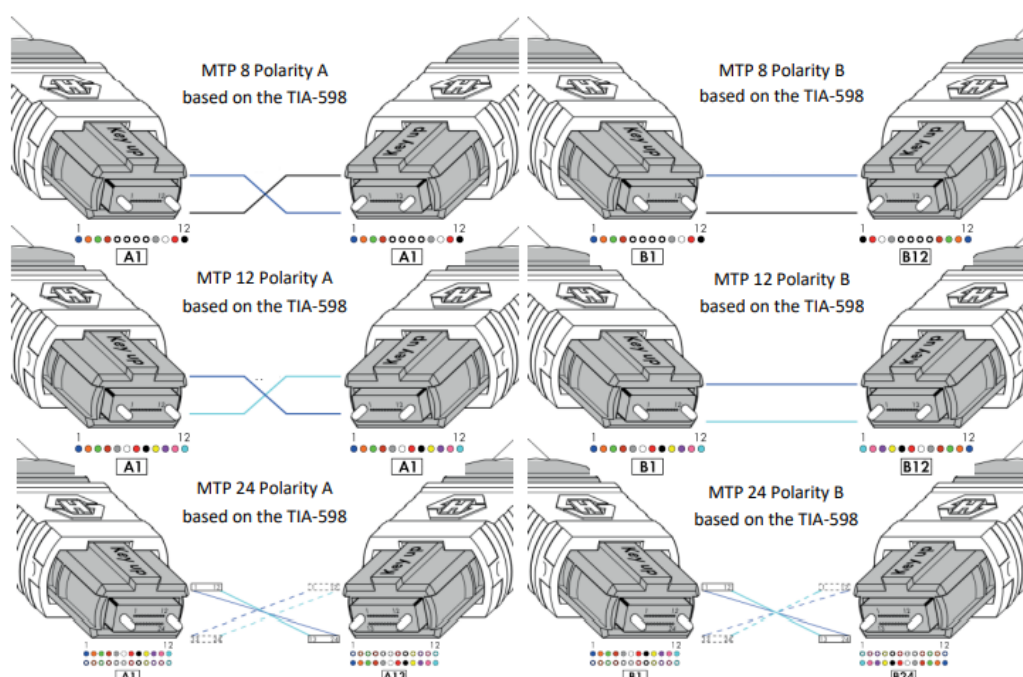
FCA one of the largest technology integrators of fibre optic systems for the construction of optical teletransmission networks in Poland.

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technical specifications:

MTP Premium	singlemode SM	multimode MM	
	APC connectors	PC OM3 connectors	PC OM4 connectors
insertion loss IL typical / > 97% [dB]	0,15 / ≤0,35	≤ 0,35	
return loss RL [dB]	≥ 60	≥ 30	
durability	min. 100 mating cycles		
tensile load [N]	50		
cable diameter [mm]	3,0		
length [m]	1 – 100		
ITU-T type of fiber	singlemode, G.657A2	multimode, G50/125	
CPR reaction to fire	Dca-s1a,d0,a1		
LSOH	yes		
operating temperature [°C]	- 25 to +70		
cable colour	yellow	turquoise	violet
housing colour	green	turquoise	black
boot colour	8F grey, 12F black, 24F red		



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configuration :

fiber count	connector A	connector B	grade	type of fiber	type of cable	length [m]	cable diameter [mm]	cable colour	polarity
8-	MTPAF-MTP/APC female	MTPAF-MTP/APC female	P2-	7A2-	O-round cable	1-	3,0-	YE-	A
12-	MTPAM-MTP/APC male	MTPAM-MTP/APC male		OM3*-	R*-ribbon	2-		TQ-	B
24-	MTPPF-MTP/PC female	MTPPF-MTP/PC female		OM4-		3-		VT-	
	MTPPM-MTP/PC male	MTPPM-MTP/PC male				5-			
						7-			
						10-			
						15-			
						20-			
						30-			
						40-			
						50-			

*on special request

example :

code	description
12-MTPAF-MTPAF-P2-7A2-O-3,0-10-YE-A	Patchcord 12F MTP/APC-MTP/APC, FCA, female-female, Premium, 9/125 G.657A2, LSOH, round cable dia. 3,0mm, 10m, yellow, polarity A

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complete the set:

cleaning tools

code	description
MTP-IBC-7104	IBC MTP II, cleaning tool MTP®
TOOL-CLICK-CLN-MTP-UNI	ONE-CLICK CLEANER MTP Universal

adapters

code	description
MTP-MTP-D601	Adapter, H+S, MTP, with full flange, latches, SC footprint, 2 dust caps, green
MTP-MTP-D401	Adapter, H+S, MTP, with full flange, latches, SC footprint, 1 dust caps, black
MTP-MTP-A601	Adapter, H+S, MTP, with reduced flange, latches, SC footprint, 2 dust caps, green
MTP-MTP-A401	Adapter, H+S, MTP, with reduced flange, latches, SC footprint, 2 dust caps, black
MTP-MTP-A600	Adapter, H+S, MTP, with reduced flange, latches, MTP footprint, 2 dust caps, green
MTP-MTP-A400	Adapter, H+S, MTP, with reduced flange, latches, MTP footprint, 1 dust caps, black

transition modules

code	description
HEL-TM-12-SM-12MTP-6LCD-A-BK	HELIOS, transition modules, 12 ports, singlemode, 12MTP, 6x LC duplex, APC, black
HEL-TM-12-SM-2x12MTP-12LCD-A-BK	HELIOS, transition modules, 12 ports, singlemode, 2x12MTP, 12x LC duplex, APC, black
HEL-TM-12-MM-24MTP-12LCD-OM4-P-BK	HELIOS, transition modules, 12 ports, multimode, 24MTP, 12x LC duplex, OM4, PC, black

hybrid chassis with accessories

code	description
HEL-HC-1U-4M-BK	HELIOS, hybrid chassis, 1U, 4 slots for modules, black
HEL-HC-BLIND-BK	HELIOS, hybrid chassis, blind module, black
HEL-HC-COVER-BK	HELIOS, hybrid chassis, oston, depth 7cm, black
HEL-HC-COVER-L-BK	HELIOS, hybrid chassis, cover, depth 10cm, black
HEL-HC-TOP-COVER-BK	HELIOS, hybrid chassis, top cover, black

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transceivers

code	description
QSFP-S-85-100G-01-MPO	Transceiver QSFP28 100Gbit/s 850nm 100m MM MPO-12
QSFP-S-31-100G-2-MPO	Transceiver QSFP28 100Gbit/s 1310nm 2km SM MPO-12
QSFP-S-85-40G-01-MPO	Transceiver QSFP+ 40Gbit/s 850nm 100m MM MPO-12
QSFP-S-85-40G-03-MPO	Transceiver QSFP+ 40Gbit/s 850nm 300m MM MPO-12
QSFP-S-31-40G-10-MPO	Transceiver QSFP+ 40Gbit/s 1310nm 10km SM MPO-12
QSFP-S-85-400G-01-MPO	Transceiver QSFP-DD 400Gbit/s 850nm 100m MM MPO-12
QSFP-S-31-400G-05-MPO	Transceiver QSFP-DD 400Gbit/s 1310nm 500m DR4 SM MPO-12
QSFP-S-31-400G-2-MPO	Transceiver QSFP-DD 400Gbit/s 1310nm 2km DR4+ SM MPO-12
QSFP-S-31-400G-10-MPO	Transceiver QSFP-DD 400Gbit/s 1310nm 10km DR4++ SM MPO-12
QSFP-S-85-400G-01-MPO24	Transceiver QSFP-DD 400Gbit/s 1310nm 100m SR8 MM MPO-24