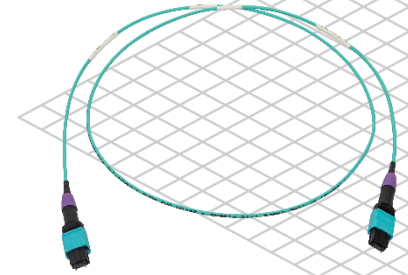


MTP® Patch Cord

The MTP® patch cord is bend-insensitive and pre-terminated with low-loss factory-polished MTP® connectors. This patch cord contains 8/12 fibers in a flexible 2mm flame-retardant jacket, designed to guarantee seamless migration to 40Gb and 100Gb Ethernet in the data center. The MTP® patch cord is available in either direct or crossed polarity for rapid deployment using method A polarity management and on-site reversible polarity for enhanced flexibility and operability.



Data Centers



High Density
Environments



Storage Area
Networks (SAN)



Communications
Rooms



Data Communication
Networks

FEATURES

- Compatible for use with all STAR ODF series
- Pre-terminated with MTP® Elite connectors fitted with high precision guide pins for accurate alignment, high durability and high performance
- LSZH-FR (Low Smoke Zero Halogen, Flame Retardant / HFFR (Halogen Free Flame Retardant) custom labeled cable jackets deliver greater fire protection performance. All-dielectric cable designed for maximum safety and electromagnetic noise reduction
- 10G/40G/100G migration solutions facilitate easy, cost effective cabling infrastructure
- IL/RL (Insertion Loss and Return Loss) testing and interferometer testing for ferrule geometry for every fiber to ensure high-quality performance
- Fully documented cables including individually printed serial numbers make identification easier
- Space saving characteristic makes it ideal for limited cable duct space
- Fully operational and field-proven solution installed successfully at high-density facilities such as Disaster Recovery Plan, Business Continuity Planning and central data center sites

STANDARDS

Compliant with the following standards:

- IEEE 802.3ab-2010 - ETL lab verified (up to 100G Ethernet)
- IEEE 802.3ba - ETL lab verified (40Gb/s and 100 Gb/s)
- IEEE 802.3bs 400Gb/sec
- IEC 60793-2-10:2019, applicable to A1-OM3, A1-OM4, A1-OM5
- ITU-T G.657.A2 for SM OS2
- GR-1435-CORE
- TIA/EIA 604-5 (MPO FOCIS)
- IEC 61754-7, IEC 60793-1, IEC 11801 (OS2, OM3, OM4 and OM5)
- TIA-492.AAAC, TIA-492.AAAD, TIA-942-A, TIA 568-C.3UL94-V-0, IEC 60332-3, IEC 60754-2, IEC 61034
- RoHS

SPECIFICATIONS

PARAMETER	MODE LOW LOSS-MULTI	MODE LOW LOSS-SINGLE	SINGLE MODE STANDARAD
Insertion Loss	0.1 dB Typical 0.35 dB Maximum		0.25 dB Typical 0.75 dB Maximum
Return Loss	>-35 dB	>-60 dB (8° Angle Polish)	
Loss Variation (Durability)	≤ 0.2 dB 500 cycles (per EIA-455-21A)	≤ 0.3 dB 500 cycles (per EIA-455-21A)	
Fiber Attenuation	< 3 dB/km @850nm	< 0.35 dB/km @1310/1550 nm	
Cable Outer Diameter	2 mm		
Bending Radius limit	10 mm		
Operating Temperature	-20°C ~ +70°C		
Cable Retention	100N		
Connector Retention	45N		
Cable Crush Resistance	45 N/cm		

BUILD YOUR ORDER

Example:

FIBP12GFFUU0010L

12 Fibers, OM4, Female-Female, UPC-UPC, 1M, Direct

NO. OF FIBERS		FIBER TYPE		CONNECTOR TYPE SIDE 1		CONNECTOR TYPE SIDE 2		POLISH TYPE SIDE 1		POLISH TYPE SIDE 2	
8	8 Fibers	7	SM G657A2 BI	F	MTP Female	F	MTP Female	U	UPC	U	UPC
12	12 Fibers	0	OM3 BI	M	MTP Male	M	MTP Male	A	APC	A	APC
		G	OM4 BI								

FIBP XX X X X X X XXXX X

CABLE LENGTH		MTP CONNECTOR POLARITY	
XXXX	XXXX m	L	Direct (Low Loss)
		E	Crossed (Low Loss)