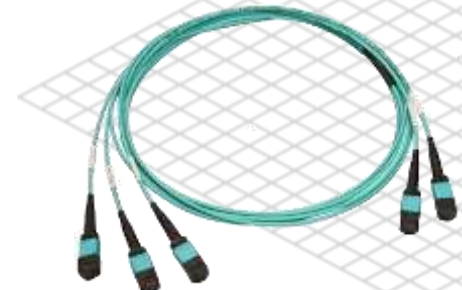


MTP® Conversion Harness

The MTP® conversion harness has 12-Fiber MTP® connectors on one end and 8 fibers MTP® connectors on the other end. Available in either direct or crossed polarity, for fast deployment using polarity management Method A.



Data Centers



High Density
Environments



Storage Area
Networks (SAN)



Communications
Rooms



Data Communication
Networks

FEATURES

- Pre-terminated with MTP® Elite connectors, with high precision guiding pins for accurate alignment, high durability and high performance which exceeds TIA/EIA 604-5 (MPO FOCIS 5).
- Jacket made from LSZH-FR (Low Smoke Zero Halogen, Flame Retardant) / HFFR (Halogen Free Flame Retardant) with custom labeling or transparent sleeve marking available.
- Fully dielectric cable – safe and electromagnetic noise proof.
- 100% tested Insertion Loss & Return Loss (IL&RL) for each fiber.
- Fast deployment – includes Pulling eyes and strain relief clips.
- Testing documented for each Cable, individually identified by a serial number.
- Each connector's ferrule geometry is tested using interferometer for standard proof performance.
- Precision molded MT ferrule.
- Each connector's ferrule geometry is tested using interferometer for standard proof performance.
- High precision guide pins for exact alignment.
-

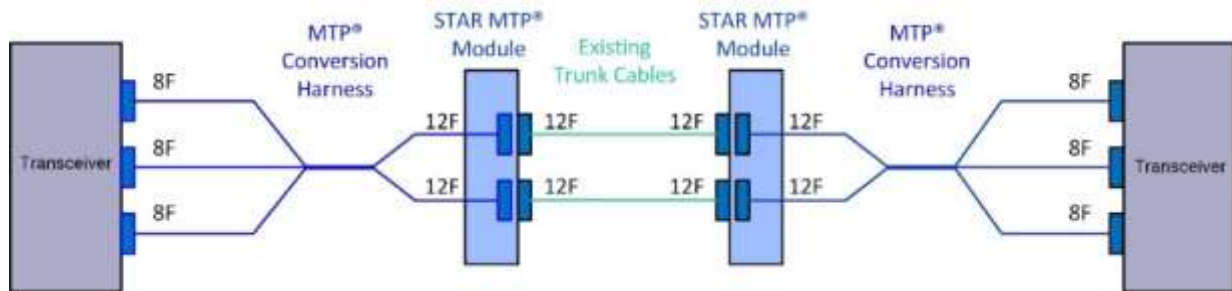
STANDARDS

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
- 100% tested Insertion Loss & Return Loss (IL&RL) for each fiber.
- ETL Lab verified for 40 Gb/sec and 100 Gb/sec rate in compliance with IEEE 802.3ba.
- Bend-Insensitive Fibers MM OM3 as per IEC 60793-2-10 type A1a.2, MM OM4 as per IEC 60793-2-10 type A1a.3, OM5 as per IEC 60793-2-10 type A1a.3 and SM OS2 as per ITU-T G.657.A2.
-
- RoHS

SPECIFICATIONS

PARAMETER	MM MT Low Loss
Connection Insertion Loss	0.1 dB Typical, 0.3 dB Maximum 0.6 dB Total end-to-end loss (Up to 5 meters long)
Return Loss	>20 dB
Durability	≤0.2 dB change 500 mating (per EIA-455-21A)
Fiber Attenuation	< 3.0 dB/km @850nm
Fiber Bend Radius Limit	7.5 mm
Cable Diameter (12 fibers)	3 mm
Connector Retention	45N
Operating Temperature	-20°C ~ +70°C



BUILD YOUR ORDER

Example: FCH23GFFUU0025010E

1xMTP12 to 2xMTP8, OM4, Female, Female, UPC, UPC, 25cm, 10cm, Low Loss Cross

NO. OF FIBERS		FIBER TYPE	CONNECTOR TYPE SIDE 1		CONNECTOR TYPE SIDE 2		POLISH TYPE SIDE 1		POLISH TYPE SIDE 2	
23	1xMTP12 to 2xMTP8	O OM3 B.I	F	MTP Female	F	MTP Female	U	UPC	U	UPC
24	2xMTP12 to 3xMTP8	G OM4 B.I	M	MTP Male	M	MTP Male				
46	4xMTP12 to 6xMTP8									

FCH XX X X X X X XXXX XXX X

CABLE LENGTH		FAN OUT SIDE 2		FIBER TYPE	
CXXX	XXX [cm]	XXX	XXX cm	None	Standard Cross
XXXX	XXXX m			E	Low Loss Cross
				D	Standard Direct