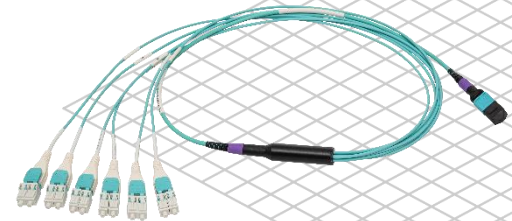


MTP Bundle and Fanout

The single-mode and multimode MTP® products are multi-fiber connectors used in high-density backplane and Printed Circuit Board (PCB) applications in data and telecommunications systems. The MTP® connector offers more than 12 times the density of standard connectors. This dramatically compacts the space needed.

MTP connectors utilize precision molded MT ferrules, fitted with metal guide pins to ensure fiber alignment when mating.



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 guiding 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
- Durable strain relief and pulling eye grips enable faster deployment
- 100% tested Insertion Loss & Return Loss (IL&RL) for each fiber.
- IL/RL (Insertion Loss and Return Loss) and ferrule geometry testing is documented for every fiber to ensure high-quality performance

STANDARDS

Compliant with the following standards:

- IEEE 802.3ab-2010 - ETL lab verified (up to 100G Ethernet)
- IEEE 802.3ba ETL lab verified (40Gb/sec and 100Gb/sec)
- IEEE P802.3bs 400Gb/sec
- IEC 60793-2-10:2019, applicable to A1-OM3, A1-OM4, A1-OM5
- ITU-T G.657A2, applicable to SM OS2
- GR-1435-CORE
- IEC 61754-7, IEC 60793-1, IEC61755-3, IEC 11801 (OS2, OM3, OM4 and OM5), IEC 60794-1, IEC60794-2, and IEC 60874
- TIA-604-10 (LC FOCIS 10) and TIA-568-C.3
- TIA/EIA 604-5 (MPO FOCIS)
- TIA-492.AAAC, TIA-492.AAAD, TIA-942-A UL94-V-0, IEC 60332-3C, IEC 60754-1/2, IEC 61034, Optional: CPR-CLASS CCA-S1, D1,A1
- RoHS

SPECIFICATIONS

PARAMETER	MM MT LOW LOSS MULTIMODE MT FERRULE	SM MT LOW LOSS SINGLE-MODE MT FERRULE
*Insertion Loss	0.1 dB Typical (All fibers) 0.35 dB Maximum (single fiber)	0.1 dB Typical (All fibers) 0.35 dB Maximum (single fiber)
Return Loss	>35 dB	>60 dB (8° Angle Polish)
Durability	≤0.2 dB change 500 mattings	≤0.3 dB change 500 mattings
Operating Temp	-20°C ~ +70°C	

*The max insertion loss refers to 12 fiber MTP. For 24 or 48 fibers MTP contact sales@fibernet.co.il

BUILD YOUR ORDER

Example: FIB12X7MMAA0150030070E

12x12 MTP/Male-MTP/Male SM BI 15M Low Loss Cross

NO. OF FIBERS OR BUNDLES		FIBER TYPE		CONNECTOR TYPE 1		CONNECTOR TYPE 2		POLISH TYPE SIDE 1	
8	8F	5	50/125	F	MTP Female	0	No Connection	U	UPC
12	12F	6	62.5/125	M	MTP Male	1	ST	A	APC
16	16F	7	G657A2 BI			2	FC		
24	24F	9	SM			3	SC Simplex		
48	48F	O	OM3 BI			4	SC Duplex		
2x	2x12F	G	OM4 BI			9	LC Duplex		
3x	3x12F					K	LC Simplex		
4x	4x12F					L	LC Uniboot		
						U	LX 0.5		
						F	MTP Female		
						M	MTP Male		

FIB XX X X X X X XXXX XXX XXX X

POLISH TYPE SIDE 2		CABLE LENGTH		FANOUT SIDE 1		FANOUT SIE 2		MTP CONNECTOR TPE AND POLRITY	
U	UPC	CXXX	XXX [cm]	XXX	XXX [cm]	XXX	XXX [cm]	None	Standard Loss, Cross
A	APC	XXXX	XXXX m					E	Low Loss, Cross
								Q	Low Loss, Cross + Pull Eye
								L	Low Loss, Direct
								P	Low Loss, Direct + Pull Eye
								D	Standard Loss, Direct