

Product overview

Giganet Outdoor MTP/MPO Trunks are small form factor high-density fiber connector assemblies used in high-density applications. Our MTP/MPO Trunks are suitable for up to 100G applications to connect between equipment's or to interconnect modules/panels in a data center. The MTP/MPO connectors are available in Standard and Premium versions to cater customer's power budget requirements.

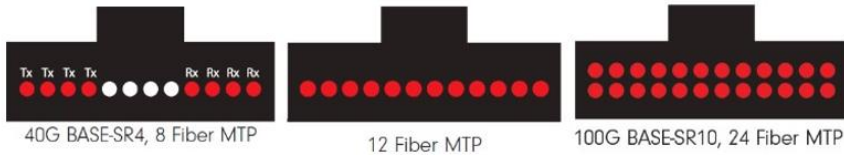


Figure 1.
 Giganet MTP/MPO Trunks Outdoor

Product Features and Applications

FEATURES
Conform to IEC, EIA-TIA, and Telcordia performance requirements
All Assemblies are machine polished providing highest quality
Cable terminated with low loss 8,12, 24 fiber MTP/MPO Connectors
Available in custom length and cable construction from 8 to 144 fibers.
All Assemblies are factory tested and come with test certificate
Factory pre-terminated assemblies with protocol for constant and reliable quality

APPLICATIONS
Telecommunication networks
Data centers, Co-location DC
LAN or Campus wide Network
Supports up to 100G applications



Product Specification

MTP/MPO CONNECTOR SPECIFICATIONS

Parameters	IL – Max	IL – Typical	RL
SM – Standard	0.75 dB	0.25 dB	> 60 dB
SM – Premium	0.35 dB	0.10 dB	> 60 dB
MM – Standard	0.60 dB	0.20 dB	> 20 dB
MM – Premium	0.35 dB	0.10 dB	> 20 dB

CABLE CHARACTERISTICS

Cable Characteristics	Units	Value					
LOOSE TUBE							
Fibre Count		12	24	48	72	96	144
Outer Diameter	mm	6.5	6.5	10.5	11.1	12.6	15.6
Tensile Strength (max/min)	N	1000/500	1000/500	1500/600	1500/600	1500/600	1500/600
Crush	N/10cm	1000	1000	1000	1000	1000	1000
LOOSE TUBE STEEL TAPE ARMOR							
Fibre Count		12	24	48	72	96	144
Outer Diameter	mm	9	9	12	12.6	14.1	17.1
Tensile Strength (max/min)	N	1000/500	1000/500	1500/600	1500/600	1500/600	1500/600
Crush	N/10cm	1000	1000	1000	1000	1000	1000
Cable Material		LSZH or PE					
Strength Member		Eglass					
Operating Temperature	°C	-20 to 70					
Tail Diameter		900um or 2.0mm					
Minimum Bending Radius	mm	10D (installed) / 20D (loaded)					



Ordering Information

MTP/MPO TRUNKS OUTDOOR											
GN-TOX-12345678-9											
GN-TO	X	MTP/MPO Side	1	Performance	2	Fibre MTP/MPO	3	Fibre Count	4	Fibre Mode	
	MPF	MPO-FEMALE	S	Standard		Leave Blank if other end connector same, if different use abbreviation from column X	xx	xx- to be replaced with fibre count ranging 12 to 144 Fibre e.g.: use 96 for 96 Fibre	A1	G657A1-SM	
	MPM	MPO-MALE	P	Premium			A2		G657A2-SM		
	MTF	MTP-FEMALE					OM3		OM3-MM		
	MTM	MTP-MALE					OM4		OM4-MM		

5	Cable Construction	6	Jacket Colour	7	Jacket Material	8-	Polarity	9	Length in Meters	
LE	Loose Tube E-glass	B	Black	LZ	LSZH	A	Polarity A	xxM	xx to be replaced with length eg: use 15M for 15 Meters length	
ST	Armored Steel Tape Loose Tube			PE	PE	B	Polarity B			
				NR	OFNR	C	Polarity C			
						X	Universal			
	Part Number			Product Description						
e.g.	GN-TOMPM-P8OM4STBPEB-21M			GIGANET FIBRE TRUNKS OUTDOOR PREMIUM , 1MPO(M)-1MPO(M) 8FX1 (8F) MM OM4, STEEL TAPE ARMORED ,BLACK, PE, 9MM , POL-B- 21MTR						