

## FIBER OPTIC ASSEMBLY:

# MTP/MPO TRUNKS



Codecom MTP/MPO Trunks are small form factor high density fiber connector assemblies used in high density applications.

Our MTP/MPO Trunks are suitable for upto 100G applications to connect between equipments or to interconnect modules/panels in a data center.

The Trunks are available in Micro cable double jacket and flat cable options suitable for pulling on trays.

The MTP/MPO connectors are available in Standard and Elite versions to cater customer's power budget requirements.

### Features

- Conform to IEC, EIA-TIA, and Telecordia performance requirements
- Available in standard Singlemode and Multimode fiber options
- Available in 8, 12 and 24 fiber ferrule options
- Available with our standard pulling system
- RoHS, REACH & SvHC compliant, Materials Conflict compliant
- Cable jacket available in LSZH, PVC and UL material options

### Application

- Telecommunication networks
- Data centers, Co-location DC
- LAN or Campus wide Network
- Broadband network
- Supports upto 100G applications

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## MTP/MPO SM CONNECTOR SPECIFICATION

Parameters	Units	Parameters	Units	APC
Max IL - Standard	dB < 0.75	Average IL	dB	< 0.25
Return loss (PC/APC)	dB > 60			
Max IL- Premium	dB < 0.35	Average IL	dB	< 0.10
Return loss (PC/APC)	dB > 60			

## MM CONNECTOR SPECIFICATION

Parameters	Units	Parameters	Units	APC
Max IL - Standard	dB < 0.60	Average IL	dB	< 0.20
Return loss (PC/APC)	dB NA			
Max IL- Premium	dB < 0.35	Average IL	dB	< 0.10
Return loss (PC/APC)	dB NA			

## CABLE CHARATERISTICS

Cable Characteristics	Units	MICROCABLE
Cable Material		LSZH /PVC
Strength Member		Aramid/FRP
Cable Diameter	mm	Double jacket 12F- 4.5 Double jacket 24F - 4.5 Double jacket Flat 24 - 4.2x7.5
Tensile Strength	N	Double jacket 12F- 400/150 Double jacket 24F - 400/150 Double jacket Flat 24 - 300/160
Crush	N/100mm	1000
Operating Temperature	°C	-20 to 70
Minimum Bending Radius	mm	10D (installed) 20D (loaded)

\*\*\* For higher fiber counts please refer to our cable datasheet

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