1、Description

MPO/MTP trunk cables are high density multi-stranded cables which form the backbone of the data center. Available in different fiber-counts up to 144 fibers, the MPO/MTP trunks reduce the installation time by consolidating multiple sub-units into a singlecable. This approach significantly reduces the overall diameter of the cable and provides much better space utilization of cable routing channels. MPO/MTP trunk cables are available with 8, 12 and 24 fiber sub-units so that users can deploy Base-8, Base-12 or Base-24 infrastructures to suit their MTP connectivity requirements.

2、Features

- Polarity available in Type A, Type B, Type C, Type R
- Insertion loss type available in Standard, Elite / Low Loss
- MTP/MPO connector type available in Male, Female, Male to Female
- Cable length available in 1 to 999 meters
- Cable type available in round, ribbon
- Improve and simplify fiber routing, decrease fiber management space

3、Specification

Fiber Type	SM（9/125um）		MM (50/125um、62.5/125um)
Polish	UPC	APC	UPC
Insertion Loss	Low Loss≤0.35dB, Standard Loss≤0.60dB		
Return Loss	≥50dB	≥60dB	≥20dB

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3D	Fiber Height : 1000~3500nm Radius Long: 500mm min Radius Short: 50mm min Max Fiber Differential　< 400nm Max Fiber Adj Diff　< 200nm Ferrule Height：7.95mm min MM Core Dip：<100nm
Repeatability	1000 times typical change value ≤ 0.20dB
Interchangeability	≤0.20dB
Tester Brand	EXFO & JGR
Connector Type	Male / female
Jacket Material(optional)	LSZH、OFNP、OFNR、PVC
Jacket color	Aqua (OM3, OM4), Erica Violet (OM4), Yellow (OS1/OS2, G.657A1), Orange (OM1, OM2)
Cable Diamete(Branch)	2.0, 3.0mm
Fiber countl(optional)	8, 12, 24, 48 Core
Fiber Moder(optional)	G652D, G657A, OM3, OM4
Operating Temperature	-20 ~ +70 ℃
Storage Temperature	-40 ~ +85 ℃

4、 Application

- CATV，LANs，WANs
- Telecommunication networks
- Active device termination
- Data center system networks
- High-Density Cross Connect
- FTTx

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