

MPO/MTP® Trunk Cables

Applications

- Data center network
- Optical system access network
- Storage area networking fiber channel
- High density architectures

Features

- 100% pre-terminated and tested in factory to ensure transfer performance
- Rapid configuration and networking, reduce installation time
- Supports 40G and 100G network applications
- Jacket material: LSZH, OFNR, OFNP available
- Supports up to 12F, 24F, 48F, 72F, 96F, 144F, customized products are available



Optical Performance

Performance Level			Standard		Elite	
Connector	Mode	Endface	IL(max) (dB)	RL(min) (dB)	IL(max) (dB)	RL(min) (dB)
MPO/MTP	SM	12F/APC	≤0.70	≥60	≤0.35	≥60
		24F/APC	≤0.75	≥60	≤0.35	≥60
		48F/APC	≤0.75	≥60		
	MM	12F/PC	≤0.50	≥20	≤0.35	≥20
		24F/PC	≤0.50	≥20	≤0.35	≥20
		48F/PC	≤0.50	≥20		

Note:
1.Test wavelength:SM@1310/1550nm,MM@850/1300nm;
2.Standard conformance: GR-326,GR-1435.

Mechanical Properties

Item		Criteria	Conformance
ΔIL After 50 Matings	MPO/MTP	≤0.3dB	GR-1435
ΔIL After 500 Matings	LC/SC/FC/ST	≤0.2dB	IEC 61300-2-2
Min Bend Radius (Dynamic)		20*OD (Cable Diameter)	
Min Bend Radius (Static)		15*OD (Cable Diameter)	

Environment Conditions

Item	Criteria	Conformance
Operation Temperature	-40~60°C	IEC 61753-1
Storage Temperature	-45~85°C	

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LC/SC/FC/ST	SM	APC	≤0.30	≥60	≤0.10	≥60
		UPC	≤0.20	≥50	≤0.10	≥50
	MM	PC	≤0.20	≥30	≤0.10	≥30

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