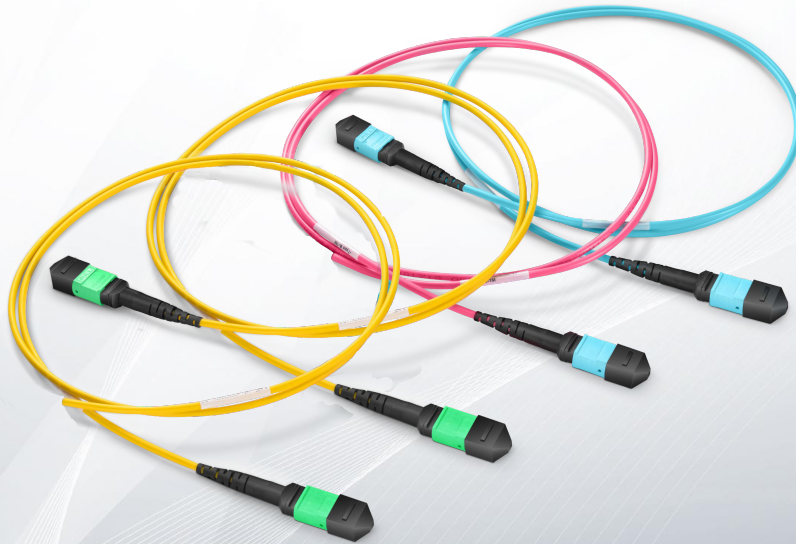


MTP/MPO Trunk Cable

IDEAL FOR DATA CENTER HIGH DENSITY CABLING SYSTEM

Designed for data center applications requiring quick infrastructure deployment such as main, horizontal, and zone distribution areas.



MTP/MPO Trunk Cable

MTP/MPO trunk multifiber cable assemblies facilitate rapid deployment of high density backbone cabling in data centers and other high fiber environments, reducing network installation or reconfiguration time and cost. They are used to interconnect cassettes, panels or ruggedized MTP/MPO fanouts, spanning MDA, HDA and EDA zones.

Standards Compliance

- ROHS, CE (EN 50575 CPR) and ISO9001 Compliant
- EIA/TIA, Telecordia GR-326-CORE Standards
- IEC61754-7
- TIA 605-4 (FOCIS 5)
- YD/T1272.5

Features

- US Conec MTP[®] connector, Senko MPO Plus premium connector
- OS2, OM3, OM4 available
- 0.35dB elite low loss connector
- Factory terminated and tested
- Allow easy migration from 10GbE to 40GbE or 100GbE
- Pulling eyes are provided as an option to protect the fiber ends during installation

Technical Specification

Construction	Description
Fiber Count	12 Fibers
Fiber Mode	Single mode: OS2 9/125µm Multimode: OM4 50/125µm, OM3 50/125µm
Connector Type	MTP Female, Male; MPO Female, Male
Connector Brand	US Conec MTP®, Senko MPO
Polarity	Type A, Type B, Type C
Cable Jacket Ratings	Low Smoke Zero Halogen (LSZH)
Cable Type	Bunch

Color Codes	MTP	MPO
Cable Jackets	OS2: Yellow OM4: Magenta OM3: Aqua	OS2: Yellow OM4: Magenta OM3: Aqua
Connectors	OS2: Green OM4/OM3: Aqua	OS2: Green OM4/OM3: Aqua
Boots	12 Fibers: Black	8/12/24 Fibers: Black

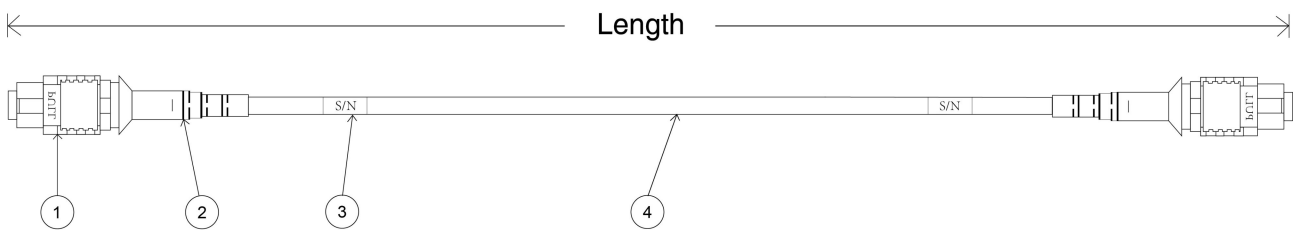
Technical Specification

Physical Properties	Description
Cable Diameter	3.0mm
Breakout Length	0.5/0.3m
Minimum Bend Radius	Single Mode: 10.0mm, Multimode: 7.5mm
Operating Temperature	-10° C to +70° C
Storage Temperature	-40° C to +85° C

Technical Specification

Optical Properties	Description
Attenuation (dB/km)	Single Mode: ≤ 0.32 at 1310nm, ≤ 0.18 at 1550nm Multimode: ≤ 2.3 at 850nm, ≤ 0.6 at 1300nm
Insertion Loss (dB)	Single Mode: ≤ 0.35 , Multimode: ≤ 0.35
Return Loss (dB)	Single Mode: UPC Polish: ≥ 50 , APC Polish: ≥ 60 Multimode: ≥ 20
Wavelength (nm)	Single Mode: 1310/1550, Multimode: 850/1300
Transmission Distance	OM4: 150m at 40/100G, 400m at 10G OM3: 100m at 40/100G, 300m at 10G

Technical Drawing



1. MTP/MPO Connector

2. Connector Boot

3. Serial Number Label

4. Cable Jacket 3.0mm OD

