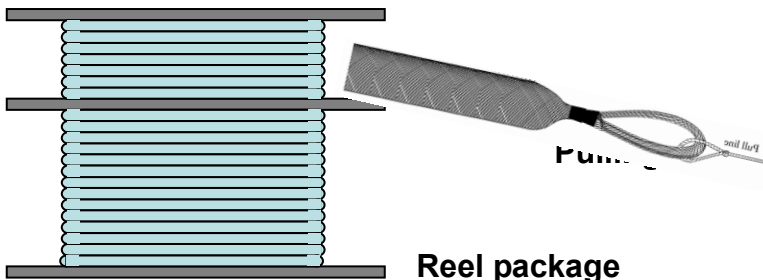
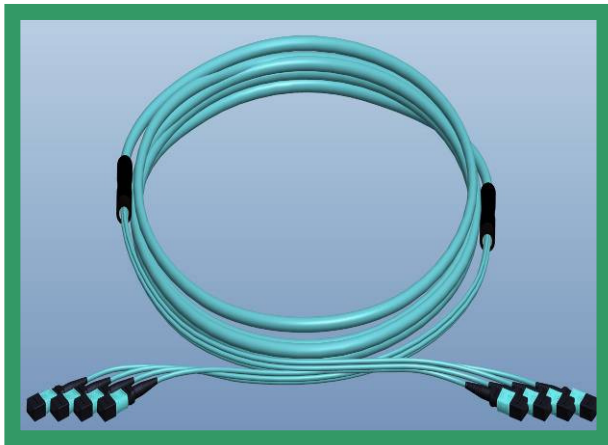
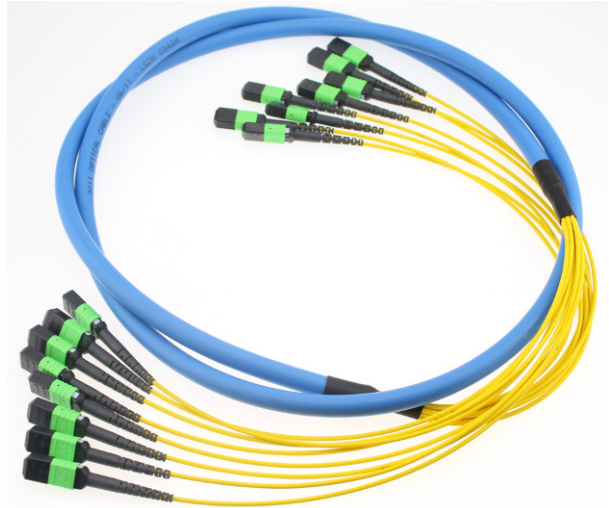


MPO / MTP Patch cord Cable Assemblies

Overview

Combining 12~144 fiber trunk cable with 12F MPO/MTP and generic connectors, Wiitek's trunk cable assemblies contain MPO to MPO and MPO hybrid types. Plug and Play Reels, Pulling eye are designed to be quickly pulled and connected to Plug and Play Modules and Adapter Plates. Customized configurable to precise application requirements, these reels or pulling eye are efficiently put high-performance, high-density fiber connections exactly where you need them.



Reel package

Features

- ◆ MPO / MTP connector or MPO hybrid interface patchcord.
- ◆ Available from 12 to 144 fiber Trunk cable, counts in increments of 12 fibers.
- ◆ Available in multi-mode (62.5/125, 10G OM2 / OM3 / OM4, Bend-insensitive fiber, etc.) and single-mode (G652D, G657A1 etc.) fiber types.
- ◆ Generic connector interface available in Simplex or Duplex LC, SC, etc.
- ◆ Customized dual shelf reel and pulling eye keep connectivity protected during payout.
- ◆ Comply with Telcordia GR-1435-CORE, GR-326-CORE, RoHS.

Applications

- ◆ For installation in horizontal patch extension from consolidation point to the workstation outlets.
- ◆ High Density Fiber Management.
- ◆ DACS.
- ◆ LAN/WAN Premises



Performance

➤ MPO / MTP Termination:

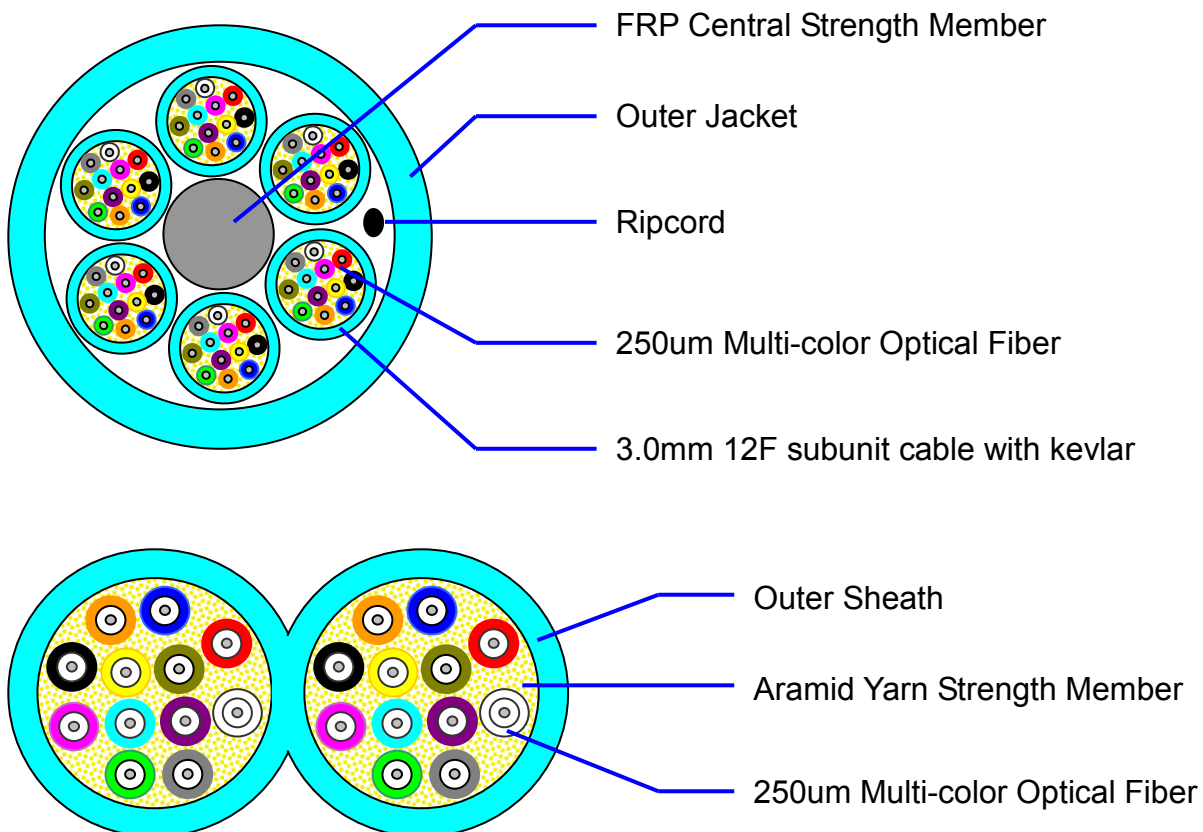
Type	Single-mode (APC polish)		Single-mode (PC polish)		Multi-mode (PC polish)	
Fiber count	8,12, 24 etc.		8,12, 24, etc.		8,12, 24, etc.	
Fiber type	G652D,G657A1, etc.		G652D,G657A1, etc.		62.5/125,OM2,OM3,OM4, etc.	
Maximum Insertion Loss	Elite / Low Loss	Standard	Elite / Low Loss	Standard	Elite / Low Loss	Standard
	≤0.35 dB	≤0.70 dB	≤0.35 dB	≤0.70 dB	≤0.35 dB	≤0.5 dB
	0.25 dB Typical	0.5 dB Typical	0.25 dB Typical	0.5 dB Typical	0.2 dB Typical	0.35 dB Typical
Return Loss	≥55 dB		≥45 dB		≥20 dB	
Durability	≥200 times		≥200 times		≥200 times	
Test Wavelength	1310nm / 1550nm		1310nm / 1550nm		850nm / 1300nm	

➤ **Generic Connector Termination:**

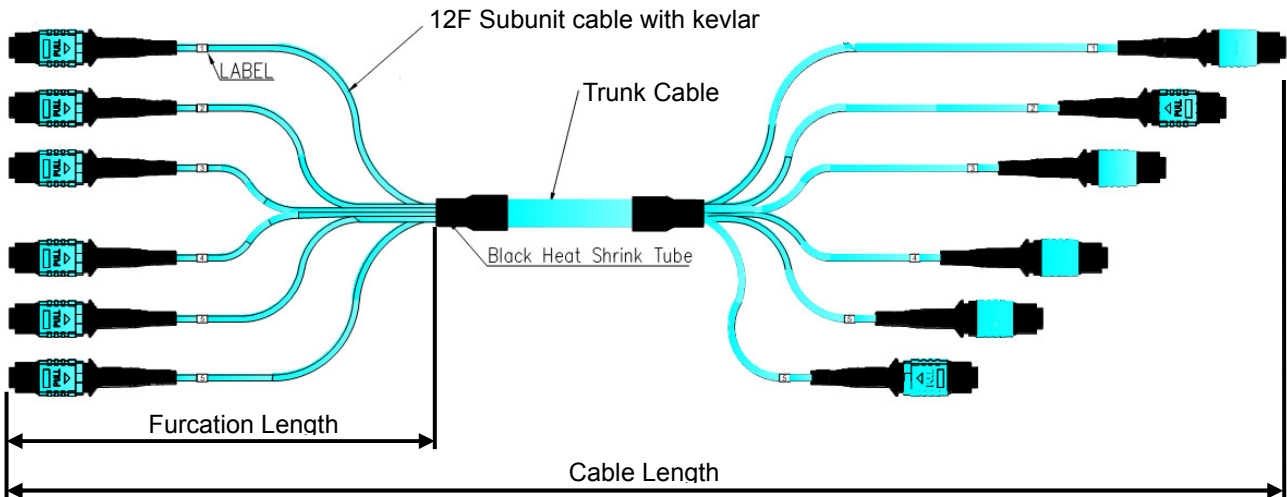
Type	Single-mode (APC polish)		Single-mode (PC polish)		Multi-mode (PC polish)	
Fiber type	G652D,G657A1, etc.		G652D,G657A1, etc.		62.5/125,OM2,OM3,OM4, etc.	
Maximum Insertion Loss	Low Loss	Standard	Low Loss	Standard	Low Loss	Standard
	≤0.1 dB 0.05 dB Typical	≤0.30 dB 0.25 dB Typical	≤0.1 dB 0.05 dB Typical	≤0.30 dB 0.25 dB Typical	≤0.1 dB 0.05 dB Typical	≤0.30 dB 0.25 dB Typical
Return Loss	≥60 dB		≥50 dB		≥25 dB	
Durability	≥500 times		≥500 times		≥500 times	
Test Wavelength	1310nm / 1550nm		1310nm / 1550nm		850nm / 1300nm	

Notes: All MPO/MTP cable assemblies in this document are having Straight Polarity (A-to-A, B-to-B). Cross Polarity (A-to-B, B-to-A) or Pair Flip polarity is available.

Cable Structure



Assembly drawing



Length	Tolerance
$0 \leq L < 1M$	+50/-0 mm
$1M \leq L < 10M$	+100/-0 mm
$10M \leq L$	+1% L/-0

*** Above performance and structure refer to Wiitek standard grade performance, flexible specification is available to fit for different installation needs. ***

Ordering information

MTTFP-X-XXX-X-XXX-XX-XXXX-XXXX -XXX/XXX-XX/XXX-XXX

