

MPO TRUNK ASSEMBLIES

Customized fiber cable assemblies pre-terminated with 12- or 24-Fiber MPO connectors with customer-specified lengths.

Options of 12-, 24-, 36-, 48-, 72-, 96-, and 144-Fiber in specific fiber modes.

This MPO trunk assemblies is compatible with the plug-and-play fiber cassette and enclosures to achieve the best installation efficiency.



KEY FEATURES :

- Options of MPO pinned (Male type) and non-pinned (Female type) connectors
- Use 12- or 24-Fiber MPO connector for termination
- Construct of round mini-core cable for space saving and high density applications
- Available in 12-, 24-, 48-, 72-, 96-, 144-Fiber
- Cable jacket options of OFNR, LSZH and OFNP
- Customizable cable lengths and fiber polarity
- Optional pulling eyes for ease of installation
- Made to comply Telcordia GR-326-CORE

Specifications

Cable Structure	Mini-core Cable
Cable Jacket Colors	Yellow - Singlemode (OS 1/2)
	Orange - Multimode (OM1, OM2)
	Aqua - Multimode (OM3, OM4)
Connector Type Options	Pinned MPO (Male)
	Non-pinned MPO (Female)
Available Fiber Mode Options	Singlemode (OS1/2)
	Multimode (OM1, OM2, OM3, OM4)
Jacket Material Options	Riser (OFNR)
	Low Smoke Zero Halogen (LSZH)
	Plenum (OFNP)

Optical Performance

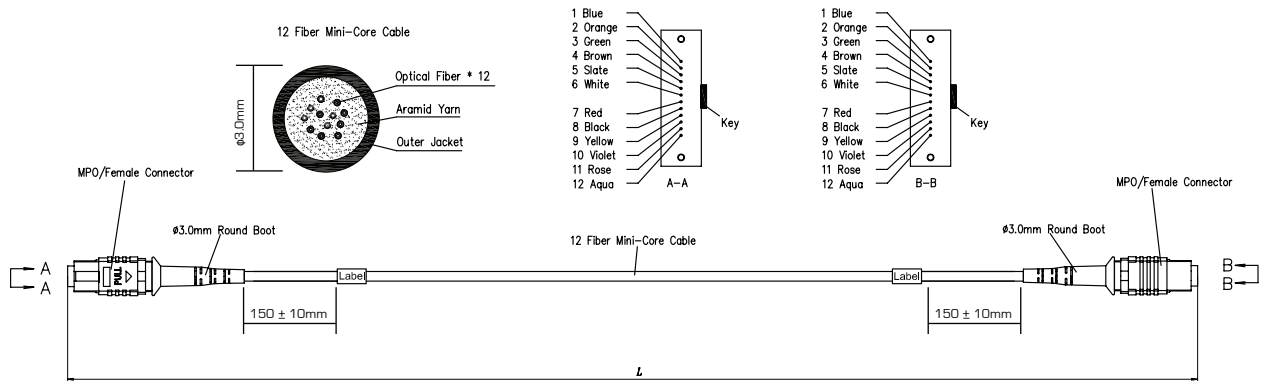
Type	Standard MPO		Low Loss MPO	
	Singlemode	Multimode	Singlemode	Multimode
Fiber Mode	Singlemode @1310nm	Multimode @850nm	Singlemode @1310nm	Multimode @850nm
Insertion Loss	≤ 0.75dB	≤ 0.6dB	≤ 0.35dB	≤ 0.35dB
	Typical 0.25 dB	Typical 0.25 dB	Typical 0.10 dB	Typical 0.10 dB
Return Loss	≥ 50dB	≥ 20dB	≥ 55dB	≥ 20dB

* Customized optical performance is available upon request, please contact Olabs team for details.

MPO TRUNK ASSEMBLIES

MPO PATCHCORDS

12-Fiber or 24-Fiber MPO connectors terminated on both ends by using mini-core cable. It is suitable for directly patching with the high speed and high density equipment where MPO interface is using.



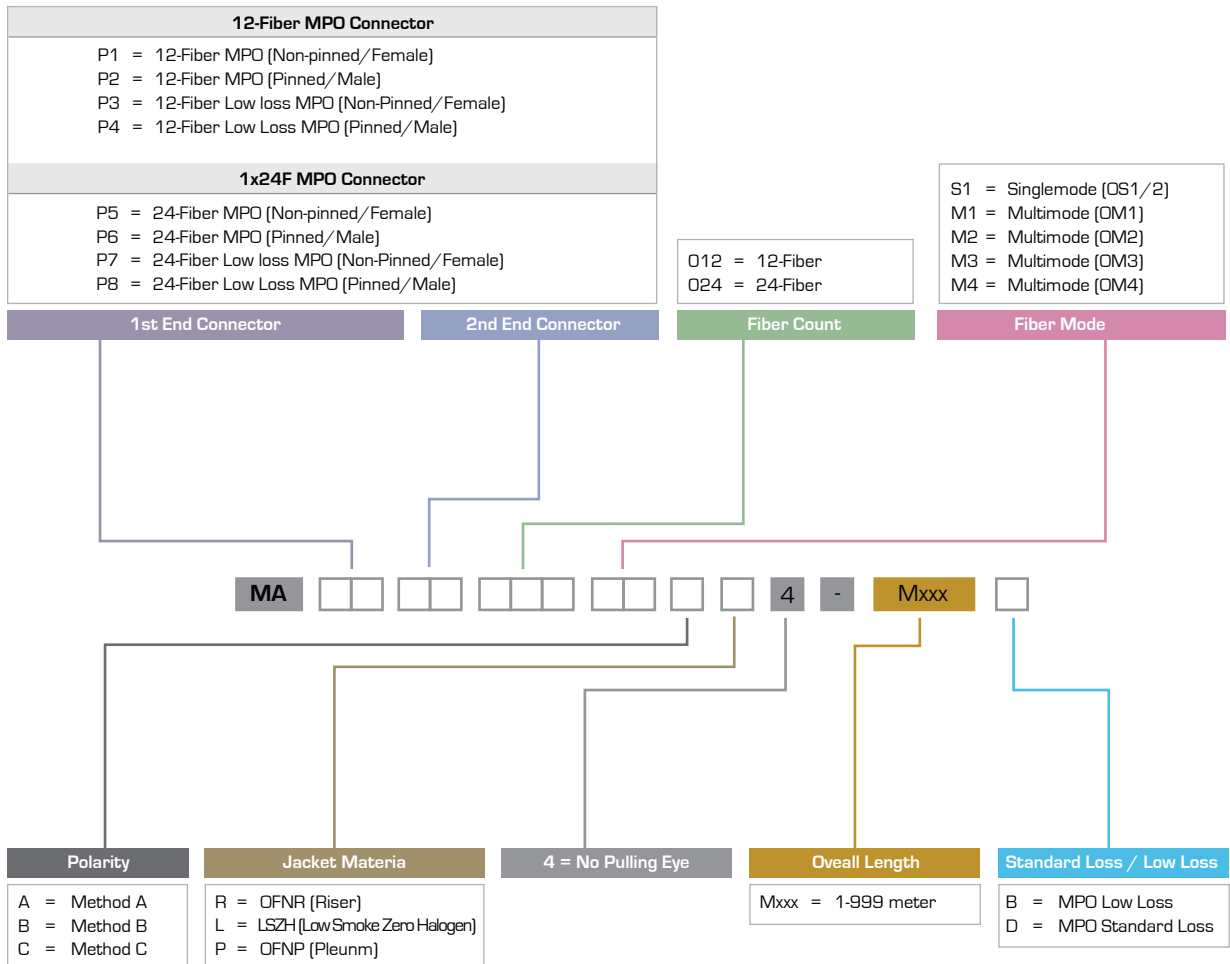
Item Description:

MPO Patchcord, MPO-Female to MPO-Female, 12-Fiber, Singlemode OS1/OS2, Polarity A, LSZH, Length 10 Meters

Made-to-Order Part No:

MAP1P1012S1AL4-M010D

Made-To-Order Part Numbering Chart



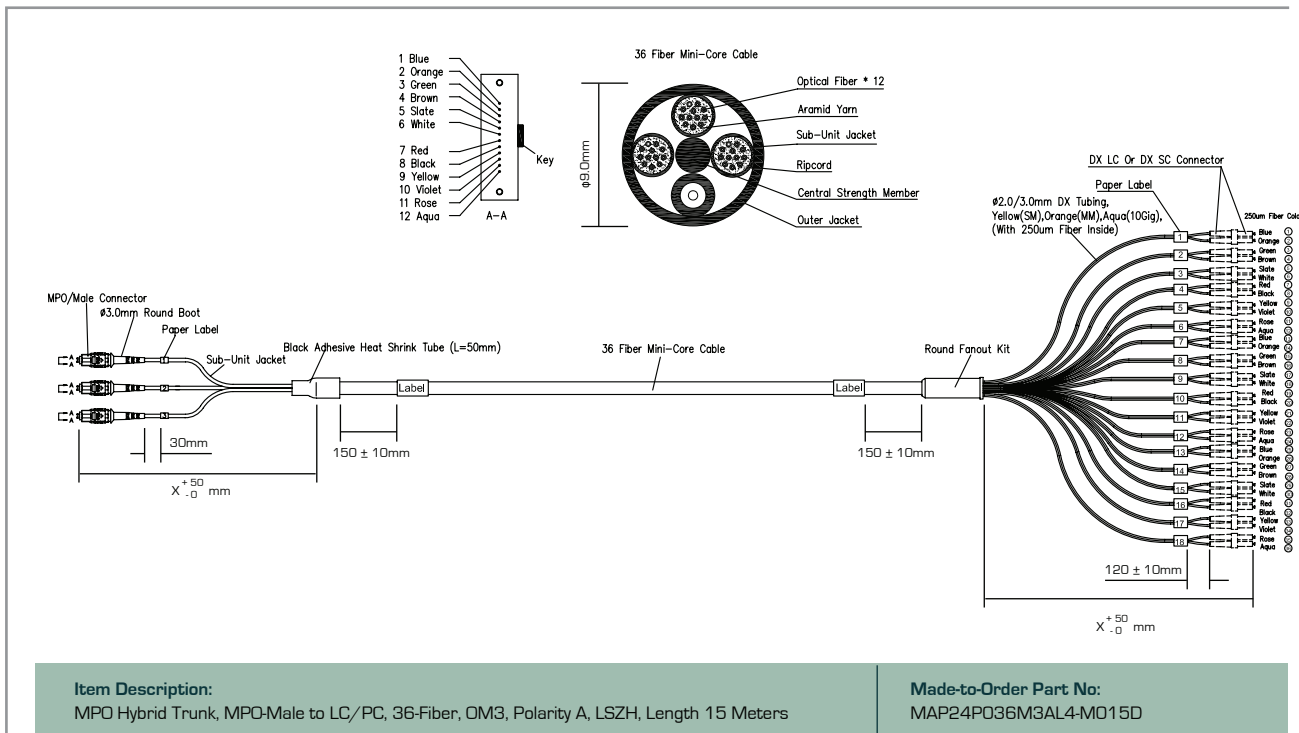
MPO TRUNK ASSEMBLIES

MPO TRUNKS AND HYBRID TRUNKS

MPO trunk is having both ends MPO connectors terminated on a mini-core multifiber cables. Various structures according to customer specified configuration.

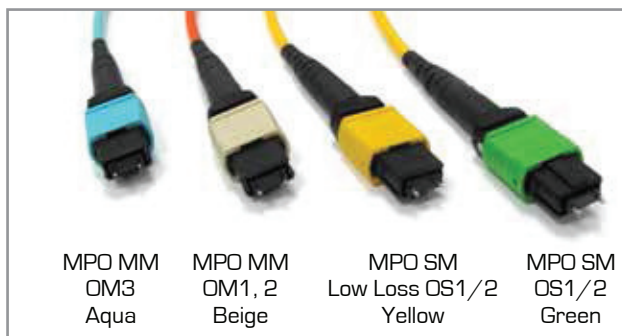
MPO hybrid trunk is the fiber assembly having MPO connectors on one end, and generic single-fiber connectors on another end.

It can be highly customizable with different combinations on the type of connectors, fiber modes, fiber counts, lengths and polarity.



! PLEASE TURN TO PAGE 52 FOR THE "Made-to-Order Part Numbering Chart".

MPO CONNECTOR HOUSING COLOR



MPO TRUNK ASSEMBLIES

MPO TRUNK AND HYBRID TRUNK

Made-To-Order Part Numbering Chart

