HUBBELL®
Premise Wiring

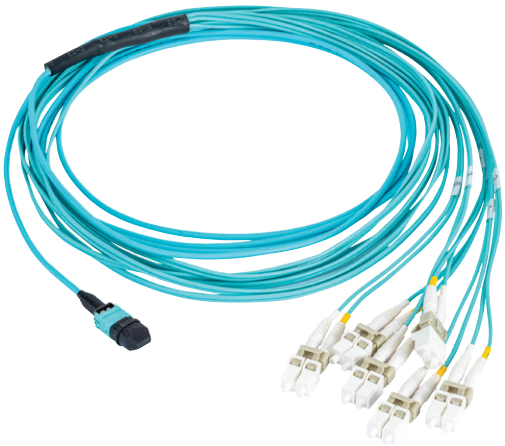
Custom Fiber Trunk Assemblies

FIBERHUBB™
Let Hubbell Be Your Fiber Connection

Hubbell's flexible modular cabling system provides the customization and bandwidth you need for today's high-performance networks. FIBERHUBB™ MPO assemblies future-proof your network with less cabling and lower installation costs than legacy infrastructure.

FiberHubb trunk assemblies mate with all Hubbell cassettes and adapter panels to complete the end-to-end fiber solution. Save time and labor with assemblies designed to easily migrate to 40G, 100G, 200G, and beyond – no new cords or recabling!

Hubbell's dedicated fiber optic facility is 100% tested and inspected to the industry's highest quality standards. Our quick turn ordering program supports specialized projects, application changes, and high-volume demand.



Features

- Customizable connectors, length, color, and cable construction
- Built with Corning ClearCurve® fiber
- Premium low-loss connector options provide easy polarity and gender field changes
- Available in all standard fiber counts
- Assembled in USA

Standards

- GR-326; Telcordia
- ANSI/TIA-568.3-D
- IEEE 802.3
- RoHS; UL 94 V-0; NFPA 262

ClearCurve is a registered trademark of Corning Incorporated.

IEEE MPO Transceiver Lane Assignments

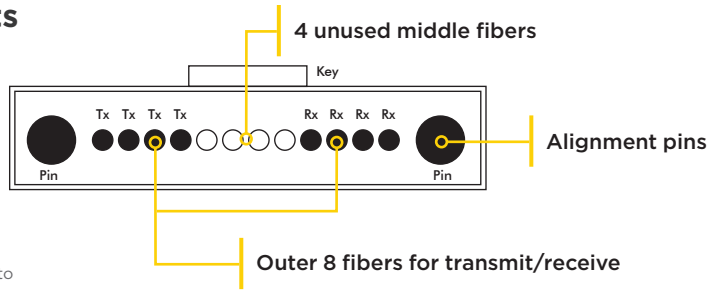
Multimode

- 40GBASE-SR4
- 100GBASE-SR4
- 200GBASE-SR4
- 400GBASE-SR4

Singlemode

- 40GBASE-LR4
- 100GBASE-LR4
- 200GBASE-LR4
- 400GBASE-LR4

*Above standards depict scalable 4 channel pathways only. To learn more about IEEE standards and lane assignments please see the Hubbell catalog or reach out to a local Hubbell representative for more information.



MPO Low Loss Performance

Parameter	Single Mode (OS2)	Multimode (OM4)
Insertion Loss (Typ)	0.1	0.08
Insertion Loss (Max)	0.3	0.3
Return Loss	≥ 60	≥ 25
Max Attenuation (dB/km)	0.5 / 0.4	3.0 / 1.0
Link Length (m)	10,000 (10Gb)	550 (10Gb)
Operating Temp (°C)	-40 to +75	

Physical Specifications

Fiber Count	Nominal OD in (mm)	Weight lbs/km	Bend Radius (cm)		Temperature Range	
			Operation	Install	Storage	Operating
12	0.12 (3)	12.5	2	4	-40C to 70C	0C to 70C
24	0.25 (6.3)	87.5	6.3	12.6	-40C to 70C	0C to 70C
48	0.26 (6.6)	100	6.6	13.2	-40C to 70C	0C to 70C
72	0.31 (8)	150	8	16	-40C to 70C	0C to 70C
96	0.37 (9.3)	200	9.3	18.6	-40C to 70C	0C to 70C
144	0.42 (10.6)	250	10.6	21.2	-40C to 70C	0C to 70C

Catalog Number Configurator

Fiber Count	Cat #	Fiber Type	Cat #	Jacket Color	Cat #	End A	Cat #	End B	Cat #	Polarity	Cat #	Labeling	Cat #	Length	Cat #	Pulling Eye	Cat #
12	**12**	OM4	**M4**	Aqua (OM4)	**AQ**	MPO	**MPO**	MPO	**MPO**	Type A	**A**	Custom label	**CL**	Feet	**1-1999**	Yes	**PE**
24	**24**	OS2	**SM**	Yellow (OS2)	**YW**	LC	**LC**	LC	**LC**	Type B	**B**					No	**NPE**
48	**48**			Any	**XX**			Open	**X**	Type C	**C**						
72	**72**																
96	**96**																
144	**144**																

Example part: **FPC-LTP12M4AQ-MPO-MPO-A-10FT-NPE**

Fiber cord, plenum, 12F, OM4, MPO to MPO, Type A, 10 Feet, No pulling eye

(Assumes FPC-LTP for loose tube plenum cable construction)

*Above configuration table represents common builds. Custom fiber counts, cable construction, and jacket colors available upon request. Contact a Hubbell representative for more information.

Total FiberHUBB® Solution

Duplex patch cord | **MPO cassette** | **Custom MPO trunk** | **MPO cassette** | **Duplex patch cord**

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