



PRE-TERMINATED CABLES FOR PLUG & PLAY INSTALLATIONS

Applications

- Intrabuilding Installations**
- Data Centers**

Features/Benefits

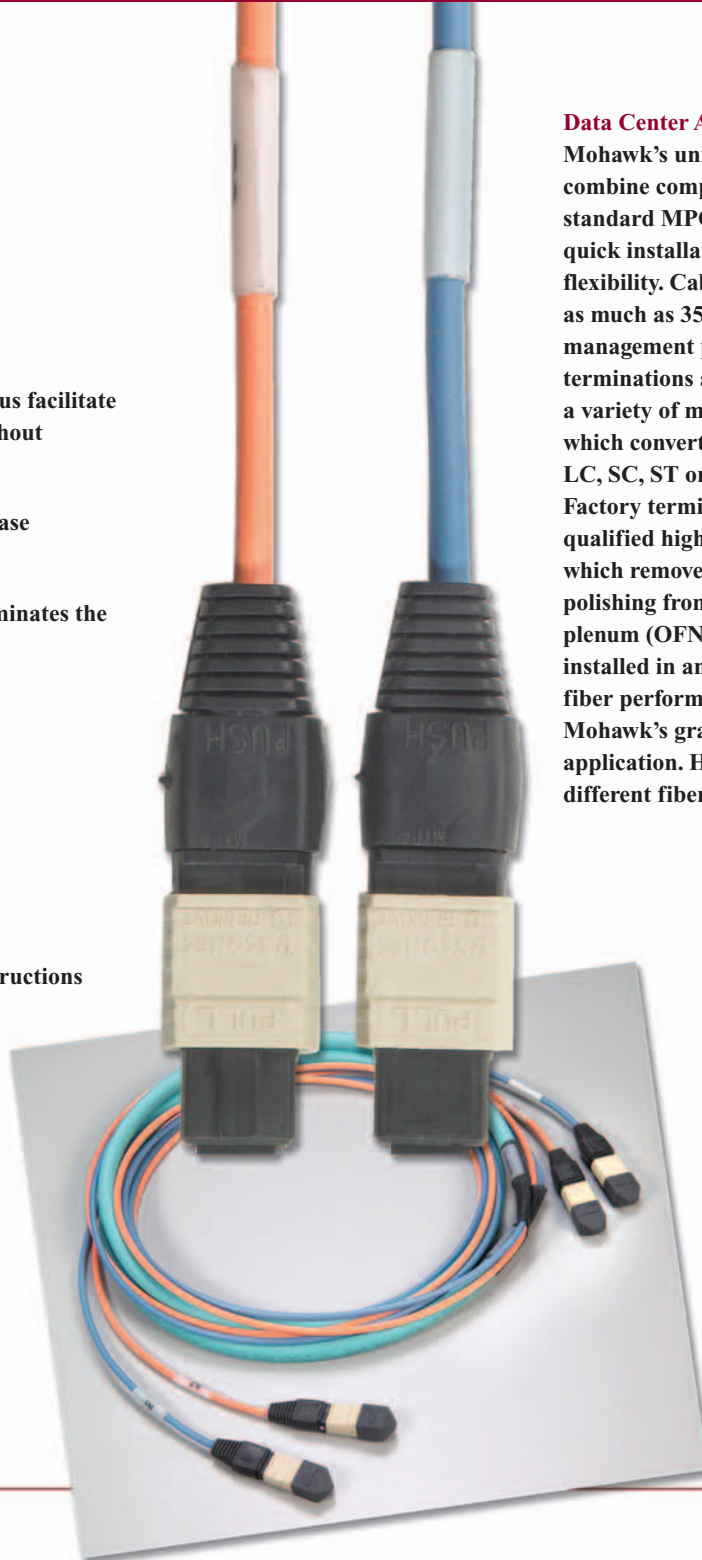
- 2 to 144 fiber
- Small diameter and bend radius facilitate installation in tight spaces without preferential bend
- Subunits are color-coded for ease of identification
- All-dielectric construction eliminates the need for grounding
- Fibers grouped into sets of 12 for maximum density
- Fibers terminated in MPO connectors

Options

- Available in 50 μm , 62.5 μm , single-mode, and hybrid constructions
- Available in colored jackets
- Available in aluminum interlock armor
- Available with pulling eyes

Data Center Assemblies

Mohawk's unique data center assemblies combine compact size with industry standard MPO terminations to facilitate quick installations with maximum flexibility. Cable diameters are reduced by as much as 35% to save space in cable management pathways. The MPO terminations allow the cables to plug into a variety of manufacturers fiber cassettes which convert the MPO interface to an LC, SC, ST or other connector style. Factory terminations provide a pre-qualified high performance connection which removes the variability of field polishing from the link. All cables are plenum (OFNP) rated to allow them to be installed in any interior location. The fiber performance can be specified using Mohawk's grading system to match the application. Hybrid cables, combining different fiber types, can also be specified.



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MD - X CCC - LLLF

Part No.
Example: **MD - C 024 - 200F**

(Grade 5 24 fiber cable, 200 foot assembly)

MA = Mini-Distribution Armored

MD = Mini-Distribution Cable

X = Fiber Type (See Table Below)

A = Grade 4

B = Grade 2

C = Grade 5

D = Grade 3

E = Grade 6

W = LWP Single-Mode

CCC = Fiber Count (12 - 144)

LLL = Length of Assembly in feet

Optical Characteristics

Meets or exceeds ISO/IEC 11801

	OM1	OM1	OM2	OM3	OM3	
Grade	2	3	4	5	6	SM2
Glass Type	62.5/125 MM AdvanceLite	62.5/125 MM AdvanceLite	50/125 MM AdvanceLite	50/125 MM AdvanceLite	50/125 MM AdvanceLite	Single-Mode Enhanced ⁶
Part Number Code (X)	B	D	A	C	E	W
Operating Wavelength (nm)	850/1300	850/1300	850/1300	850/1300	850/1300	1310/1550
Min. OFL¹ Bandwidth (MHz-km)	200/500	200/500	500/500	1500/500	3000/500	—
Min. Laser² Bandwidth (MHz-km)	220/500	385/500	510/500	2000/500	4700/500	—
Max. Attenuation Loose Tube (dB/km)	3.25/1.0	3.25/1.0	3.0/1.0	3.0/1.0	3.0/1.0	0.40/0.30
Max. Attenuation Tight Buffered³ (dB/km)	3.50/1.25	3.50/1.25	3.50/1.25	3.50/1.25	3.50/1.25	0.80/0.50
100 Mbit Fast Ethernet Min. Link Length (meters S/L/E⁴)	300/2000	300/2000	300/2000	300/2000	300/2000	5000/—
1 Gigabit Ethernet Min. Link Length (meters S/L/E⁴)	300/550	500/1000	600/600	1000 ⁵ /600	1000 ⁵ /600	5000/—
10 Gigabit Ethernet Min. Link Length (meters S/L/E⁴)	33/300	33/300	82/300	300/300	550/300	10,000/40,000

¹ OFL – Overfilled Launch

² Effective Modal Bandwidth, determined by RML or DMD performance specifications

³ Max. Attenuation for Tight Buffered, Ribbon, Micro-Loose Tube & VersaLite Cables

⁴ S/L/E – Short wavelength (850 nm) / Long wavelength (1310 nm) / Extra long wavelength (1550nm)

⁵ >2000 meters for engineered links

⁶ Low water peak Single-Mode suitable for CWDM use complies with ITU G.652.c/d