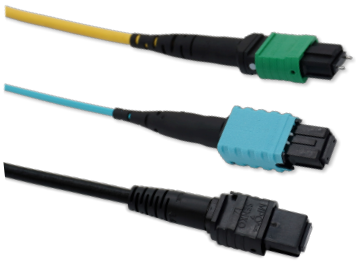
Fiber Optic Cabling Solutions

US Made | Base-8, Base-12 & Base-16 Configurations



MMC High-Density Cable Assemblies

- 16 and 24 fiber connector configurations
- Compact connector design to maximize port density
- Push-pull boot for easy connector insertion and removal
- For hyperscale and AI data center applications



MTP® PRO/MPO Cable Assemblies

- 8, 12, 16 and 24 fiber connector configurations
- Field-configurable polarity and connector pinning
- Push-pull sleeve for easier access in high-density installations
- For trunk and breakout connections in data center networks



LC/SC Trunk & Breakout Assemblies

- LC, LC uniboot, and SC connector configurations
- Simplex and duplex termination options
- Configurable breakout lengths for flexible cable routing
- For backbone cabling and equipment interconnections

Cable Construction & Configuration Options

Optical Performance

- Standard and low-loss optical performance options

Fiber & Cable Construction

- Loose tube, ribbon, and other fiber configurations
- 200 µm and 250 µm coated fiber options
- Armored and non-armored cable constructions
- Indoor, outdoor, and indoor/outdoor cable options

Fiber Types & Counts

- High-fiber-count trunk assemblies from 12 to 1,728 fibers
- OM4 multimode and OS2 single-mode fiber

Assembly Configurations

- Trunk, patch cord, breakout, and fanout assemblies
- Custom fiber counts, assembly lengths, and breakout lengths

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Fiber Optic Cabling Solutions



MDC High-Density Cable Assemblies

- Up to three times the fiber density of LC duplex
- Push-pull boot for easy connector insertion and removal
- Tool-free polarity reversal without exposing or twisting fibers
- For high-density patching and equipment connections



Fiber Optic Patch Cords

- LC, LC uniboot, and SC connector options
- Simplex and duplex configurations
- 1.2 mm, 1.6 mm, 1.8 mm, 2.0 mm and 3.0 mm cable diameters
- For equipment-to-panel and panel-to-panel connections



Standard Fiber Optic Connectivity

- Up to 96 LC fibers in 1RU
- Flexible patching and splicing configurations
- Modular adapter panel and cassette options
- Convenient access for installation and maintenance
- For fiber patching and splicing in enterprise, telecommunications, and data center networks



High-Density Fiber Optic Connectivity

- Up to 144 fibers in 1RU
- Space-efficient patching and distribution
- Modular configurations for network expansion
- Convenient access for installation, maintenance, and network changes
- For high-density fiber patching and distribution in data centers

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