Pre-Terminated MTP® Backbone Cables

Description

MTP trunk cables are factory terminated with 12 fiber MTP® connectors. These high density, small form factor connectors make pulling preterminated cables in ducts and conduits simple and easy. Because MTP trunks/backbones are preterminated, cable preparation and termination are eliminated, cutting up to 70% of installation time. All cables are 100% optically tested and certified and come with a pulling eye installed. Deploying a fiber optic cabling system is fast and easy with a MTP system.

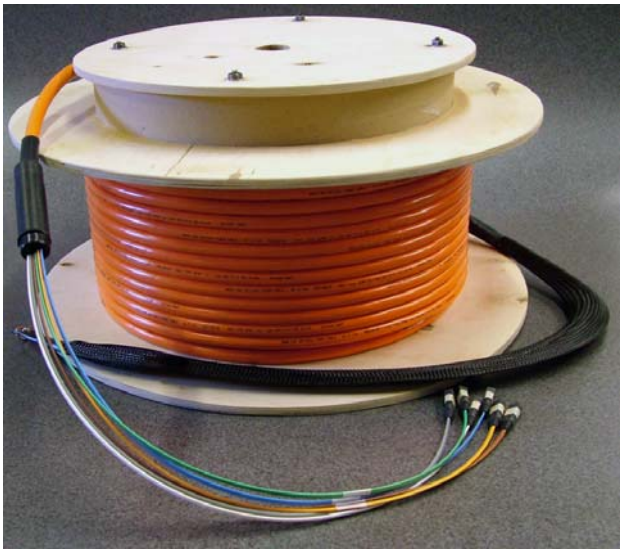
Trunk/backbone cables are available from 12-72 fibers in singlemode, multimode 62.5/125, standard performance multimode 50/125 and 10Gbps laser enhanced 50/125. Cable designs are available to meet any installation requirement including:

Indoor Premise Cables: For indoor premise installations meet UL plenum(OFNP) and riser(OFNR) requirements.

Outdoor Duct Cables: For installation in underground ducts between buildings.

LSZH Premise Cables: Non-toxic, non-corrosive Low Smoke Zero Halogen indoor cables for special installations.

Interlocked Armor Cables: For industrial indoor installations requiring extra protection or for mission critical applications.



72 fiber MTP premise style cable

Features/Benefits

- No special tools or training required
- No cable preparation or field connectiorization required
- Time-saving, low cost installation
- Reduces installation time by 70%
- Factory installed and 100% optically tested
- Wide Selection of fiber and cable types

Applications

- Data Centers
- Storage Area Networks (SAN)
- Local Area Networks (LAN)

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Installation

Attach a pull string to the MTP backbone and route to the rear of the equipment rack or cabinet. Plug the 12 fiber MTP® connector from the end of the backbone into the back of the cassette module or data center harness.

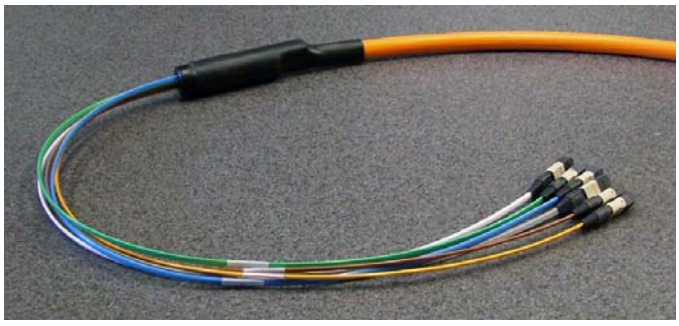
Polarity

An MTP system can be installed with “straight through” or “reverse polarity” fiber mapping. For straight through systems, use standard straight through cassette modules on both ends of the system. For reverse polarity(transmit/receive continuity) use a straight through cassette module on one end and a reverse polarity cassette on the other end.

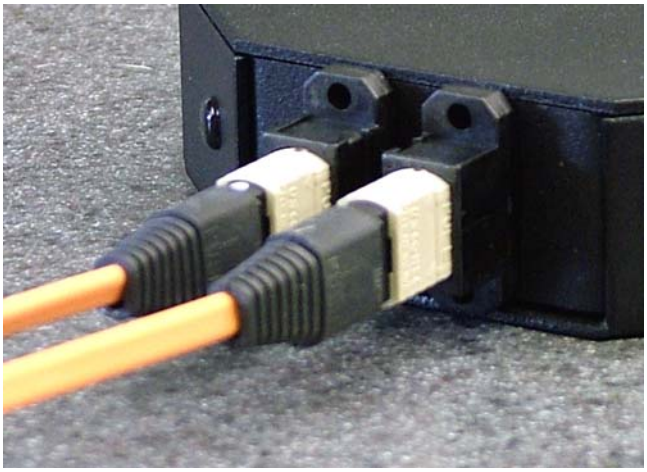
System Assurance

Factory terminated fiber optic systems provide the highest quality repeatable connections possible. All MTP system components are 100% optically tested before they leave the factory. Test reports are included with the product. A MTP system is the fastest way to install a fiber optic system.

Multimode, Singlemode and 10Gbps cables



72 fiber cable with 6 x 12 fiber MTP®’s



Rear view of 24 port cassette module

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FIBER PERFORMANCE SPECIFICATIONS

Fiber Type	62.5/125	50/125	50/125 10Gbps	Singlemode
Max. Attenuation (dB/km)	3.5/1.0	3.0/1.0	3.0/1.0	1.0/ 0.80
Min. Bandwidth (MHz-km)	200/500	500/500	1500/500	-/-
Gigabit Ethernet Distance(m)	220/550*	550/550*	1000/600	-/5000
10 Gigabit Ethernet Distance(m)	26/300*	82/300*	500/300	10000/40000
Fiber Type Code	12	21	28	31

*Requires the use of mode conditioning patch cords.

ORDERING INFORMATION

Trunk/Backbone Cables

1) Select cable type. 2) Select fiber count. 3) Select fiber type. 4) Select cable length.

F S ① _ _ ② _ _ ③ _ _ **M** _ _ ④ _ _

1) RP = Indoor cable
   LT = Outdoor cable
   LZ = Low Smoke Zero Halogen
   AA = Interlocked Armored cable

2) 12, 24, 36, 48, 72 fibers

3) Select from above table, Fiber Type Code

4) Designate cable length in meters

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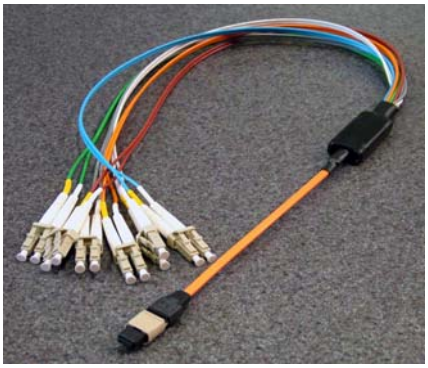
Other Products

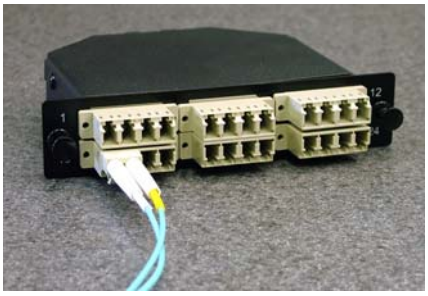


12 fiber LC Data Center Harnesses

MTP® data center harnesses transition from MTP® terminated backbones to standard connector interfaces for direct connection to electronics. Harnesses feature Kevlar re-enforced 2.0mm zip cord color coded breakouts to provide maximum protection and strain relief. The rugged construction eliminates the need for patch panels, saving time and space in equipment racks. MTP harnesses are ideal for data centers or any high density, high fiber count tlecommunitation system. They are used with MTP pre-terminated backbone cables to provide the fastest installation of a fiber optic system.

12 Fiber Cassette Modules

High Density MTP cassette modules are available in different connector versions. The 12 port cassette modules have 6 duplex LC, SC, ST or 6 MT-RJ ports* on the front and a single 12 port MTP® on the rear. They can be mounted in any MTP housing, from 1U to 4U in size.



High Density 24-Fiber MTP® Cassette Modules

MTP 24 fiber modules allow up to 72 fibers to be terminated in only one rack space, reducing rack space requirements by two thirds over a conventional field terminated fiber backbone. These modules allow valuable rack space to be maximized for high density systems.The 24-fiber modules feature 24 fiber LC or 12 2-fiber *MT-RJ* adapters on the front and two 12 fiber MTP® adapters on the rear.

Wall and Rack Mount Enclosures

Choose from a complete range of rack and wall mount enclosures to protect and manage your MTP system. Our FSBC1U provides up to 72 fibers in a 1U rack space. Our FSBC4U can provide up to 288 fibers in a 4Urack space. Our wall mount enclosures can house from 12 to 288 fibers.

*MT-RJ is End of Life supplies are limited