

MTP Patch Cables



MTP Harness Cables



MTP Trunk Cables

## MTP<sup>®</sup> Fiber Cable Solutions

High performance, high density MTP fiber cable solutions from Quiktron replace up to 12 traditional fiber connectors with one single small form factor connector reducing installation time and labor costs. They are suitable for a variety of applications: data centers, telecommunications, broadcast communication, and industrial control applications. These multi-fiber solutions provide advantages in size, offering 12 times the density when compared to a similarly sized SC connector. Factory terminated and tested, MTP solutions provide significant installation time savings during installation or reconfiguration. A push-pull design is utilized for easy mating and removal. Break-out solutions are ideal for making connections within rack mounted or wall mounted fiber enclosures that utilize single fiber connectors.

### Features:

- Made in the USA
- Available in fiber counts from 12–144
- Factory tested for insertion loss
- Compact push-pull locking mechanism
- Reduces installation time and costs
- PC polish for multimode fiber; APC polish for single-mode fiber
- Ribbon cables are 1/3 the size of tight buffered fiber optic cables, which enables them to fit into tight spaces and have a smaller minimum bend radius
- Meets TIA/EIA 604-5 (FOCIS-5) standard for MPO/MTP connectors
- Designed and tested to Telcordia-GR-1435
- Lifetime warranty

Custom configurations and test results available by request. Contact your sales representative for details.

## MTP<sup>®</sup> Fiber Cable Styles

### MTP Patch Cable

- 12 fiber strands with MTP connector on each end
- Used for point to point application or for connections to standard fiber patch panels
- Available in both single-mode and multimode fiber
- Available in both PVC (OFNR) and plenum (OFNP) jackets

### MTP Harness Cable

- Cable has a single MTP connector on one end that breaks out into 6 or 12 connectors (LC, SC, ST, etc.)
- Typically 12 strands
- Designed to save front panel space and streamline fiber management
- Available in both single-mode and multimode fiber
- Available in both PVC (OFNR) and plenum (OFNP) jackets

### MTP Trunk Cable

- Wide variety of strand counts and configurations - most common is the 12-strand plenum ribbon
- Available in both single-mode and multimode fiber
- Available in both PVC (OFNR) and plenum (OFNP) jackets
- Manufactured with a pulling eye, enables cable to go around bends without getting tangled and protects the connector during installation

MTP® Cable Key Applications	MTP® Key Configurations	
<ul style="list-style-type: none"> <li>Data Centers</li> <li>Fiber Channel Storage</li> <li>Parallel Processing Applications</li> <li>Telecommunications</li> <li>Optical Backplanes</li> <li>Industrial Control Applications</li> <li>Backbone Installations</li> <li>Disaster Recovery</li> </ul>	<b>Fiber Cable</b> <ul style="list-style-type: none"> <li>9/125 Single-Mode</li> <li>50/125 Multimode</li> <li>50/125 Laser-Optimized MM</li> <li>62.5/125 Multimode</li> </ul>	<b>Cable Style</b> <ul style="list-style-type: none"> <li>Ribbon</li> <li>MIC Cable</li> <li>Indoor/Outdoor</li> </ul>
	<b>Jacket Type</b> <ul style="list-style-type: none"> <li>PVC - OFNR rated</li> <li>Plenum - OFNP rated</li> </ul>	<b>Options</b> <ul style="list-style-type: none"> <li>Pulling Eyes</li> <li>Installer Friendly Spools</li> <li>Identification Labels</li> </ul>

## Configuration Options

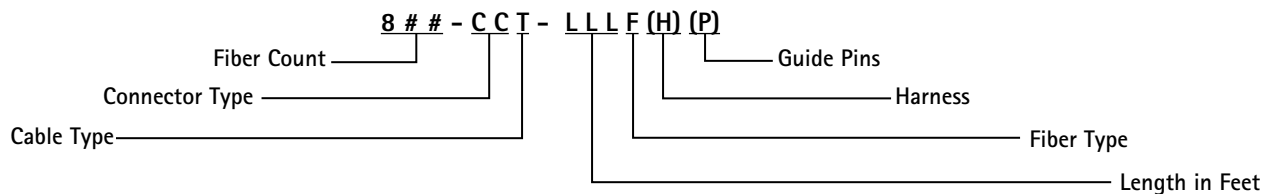
### MTP® Product Types

MTP to MTP Trunks MTP connectors on both ends

MTP to SC/ST/FC/LC Trunks MTP connectors on one end; SC/ST/FC/LC connectors on opposite end

Part number example: 824-M41M-100S =

MTP/SC trunk on 24 fiber MIC riser cable; 100 feet; single-mode fiber



#### ## (Fiber Count)

- 12
- 24
- 48
- 72

#### CC (Connector Type)

- M MTP
- 02 ST
- 04 SC
- 06 FC
- L LC

#### T (Cable Type)

- 1 Ribbon Riser
- 2 Ribbon Plenum
- M 250µm Reduced Diameter Riser
- MP 250µm Reduced Diameter Plenum

#### F (Fiber Type)

- S Single-mode
- M 62.5µm Multimode
- 50 50µm Multimode
- 50L Laser-optimized 50µm Multimode

#### H (Harness)

Use if assembly is for a module or cassette

#### P (Guide Pins)

#### LLL (Length in Feet)

### MTP Ribbon Trunk Cables

Strand Count*	Cable Type	MTP-ST	MTP-SC	MTP-MTP	MTP-LC
12	62.5/125 MTP Ribbon-Plenum	812-M12-LLL	812-M32-LLL	812-MM2-LLL	812-ML2-LLL
12	50/125 MTP Ribbon-Plenum	812-M12-LLL50	812-M32-LLL50	812-MM2-LLL50	812-ML2-LLL50
12	50/125 LOMM MTP Ribbon-Plenum	812-M22-LLL50L	812-M42-LLL50L	812-MM2-LLL50L	812-ML2-LLL50L
12	9/125 LOMM MTP Ribbon-Plenum	812-M22-LLLS	812-M42-LLLS	812-MM2-LLLS	812-ML2-LLLS

\* Also available in 24, 48, and 72 strand, change the first three numbers accordingly; 824, 848, 872

### MTP Reduced Diameter Cables

Strand Count**	Cable Type	MTP-ST	MTP-SC	MTP-MTP	MTP-LC
12	62.5/125 MTP Reduced Diameter Cable	812-M1MP-LLL	812-M3MP-LLL	812-MMMP-LLL	812-MLMP-LLL
12	50/125 MTP Reduced Diameter Cable	812-M1MP-LLL-50	812-M3MP-LLL-50	812-MMMP-LLL-50	812-MLMP-LLL-50
12	50/125 LOMM MTP Reduced Diameter Cable	812-M2MP-LLL-50L	812-M4MP-LLL-50L	812-MMMP-LLL-50L	812-MLMP-LLL-50L
12	9/125 SM MTP Reduced Diameter Cable	812-M2MP-LLLS	812-M4MP-LLLS	812-MMMP-LLLS	812-MLMP-LLLS

\*\* Riser cable available upon request