

## STANDARD MTP® TRUNKS

### Product Overview

MTP® cable assemblies are configurable in trunks, harnesses, jumpers, and hybrid trunk solutions. All products feature the MTP® brand connector and a micro 250 reduced diameter cable. Connectors are available in 4 to 24 fiber ferrule single-mode and 4 to 72 fiber ferrule multimode. All cable assemblies are manufactured using component materials that meet the EU RoHS and REACH directive standards. Cables are available in TIA standard or special order colors. Jacket ratings are available in Plenum (OFNP), Riser (OFNR), and LSZH.

### Features

- Highly customizable to user preference
- Custom color jackets and furcation legs
- OMNIA® trunks feature direct mount breakout kit
- Push-pull, color coded non-keyed, and keyed connector options
- Any polarity for backward compatible with all manufacturer products and existing networks

### Applications

- Data Centers
- Telecommunication Networks
- Enterprises & Campus Networks
- Industrial Manufacturing Environments
- Broadcasting & Media
- Industrial & Manufacturing Environments

### Ordering Information

Fiber Mode	Length (m)	Connector Combination	Outer Jacket Size	Jacket Type
<ul style="list-style-type: none"> <li>• OM2</li> <li>• OM3</li> <li>• OM4</li> <li>• Single-Mode</li> </ul>	<ul style="list-style-type: none"> <li>• 1m</li> <li>• 2m</li> <li>• 3m</li> <li>• 5m</li> <li>• 10m</li> <li>• 15m</li> <li>• 20m</li> <li>• 25m</li> <li>• 30m</li> <li>• XXXm</li> </ul>	<ul style="list-style-type: none"> <li>• MTP Female - MTP Female</li> <li>• MTP Male - MTP Male</li> <li>• MTP Female - MTP Male</li> </ul>	<ul style="list-style-type: none"> <li>• 2.0 mm</li> <li>• 3.0 mm</li> </ul>	<ul style="list-style-type: none"> <li>• OFNP</li> <li>• OFNR</li> </ul>

\*Available in any length and combination of connectors upon request.



**Want to know more about FiberCore?**

For more information visit [www.fibercore-plus.com](http://www.fibercore-plus.com) or contact [sales@fibercore-plus.com](mailto:sales@fibercore-plus.com)

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## STANDARD MTP® TRUNKS

### Technical Specifications

Product Type	Standard MTP® Trunks
Fiber Category	Single-mode OS2 / 62.5µm Multimode OM1 / 50µm Multimode OM3 / OM4 / OM5
Fiber Count	4F - 288F
Connector Type	LC Simplex / LC Duplex / LC/APC Duplex / LC/APC Simplex / LC Reverse Polarity Uniboot / LC Push-Pull Uniboot / MTP® 12F Non-pinned / MTP® 12F Pinned / MTP® 8F Non-pinned / MTP® 8F Pinned / MTP®/APC Low Loss Non-pinned / MTP®/APC Low Loss Pinned / MTP® 24F Non-pinned / MTP® 24F Pinned
Connector Color	Aqua / Yellow / Magenta 
Polarity Type	Type A / Type B / Type C

### Connector Performance Specifications

CONNECTOR TYPE	TYPICAL IL PERFORMANCE	MAX IL PERFORMANCE
Single-Mode LC	0.20 db	≥55 dB
Single-mode MTP® (Standard)	0.20 dB	≥65 dB
Single-mode MTP® (Low Loss)	0.20 dB	≥55 dB
Multimode LC	0.20 dB	≥65 dB
Multimode MTP® (Low Loss)	0.20 dB	≥55 dB

### MTP® Trunks Compliances

#### • MPO Compliances

- Meets IEC Standard 61754-7
- Structured cabling per TIA-568-C
- Parallel Optics
- Optical Internetworking Forum (OIF) Compliant
- Infiniband Compliant
- 10G Fiber Channel Compliant
- 40G and 100G IEEE 802.3
- SNAP 12
- POP 4
- QSFP
- CXP

#### • Connector Compliances

- LC Connectors, TIA/EIA-604-10
- MPO (including MTP®), TIA/EIA-604-5



Want to know more about FiberCore?

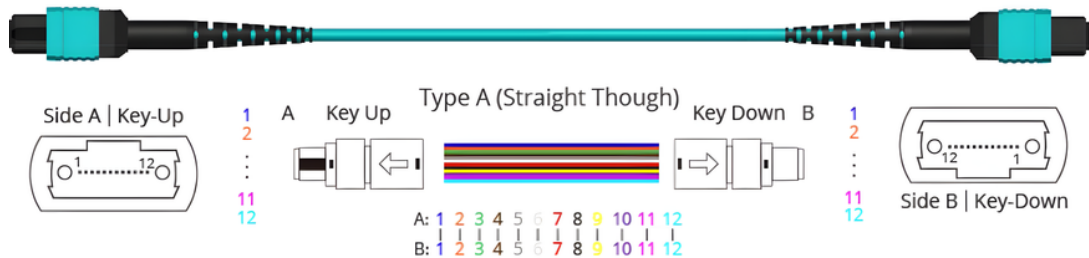
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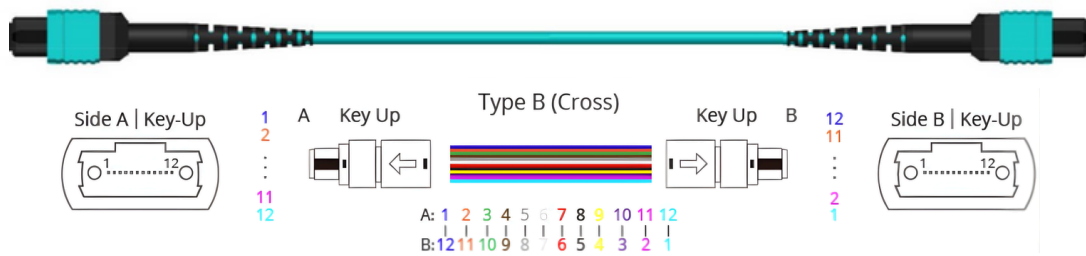
## Technical Sketch

### Standard MTP® Trunks

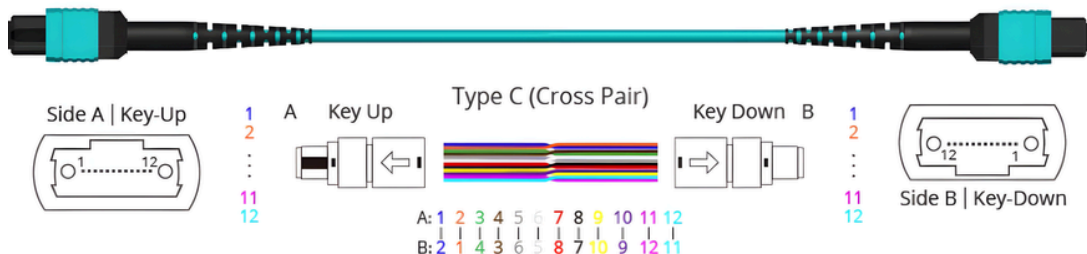
\*Available in any length and combination of connectors



MTP 12F – MTP 12F MULTIMODE OM3/OM4 OFNP TYPE A POLARITY



MTP 12F – MTP 12F MULTIMODE OM3/OM4 OFNP TYPE B POLARITY



MTP 12F – MTP 12F MULTIMODE OM3/OM4 OFNP TYPE C POLARITY



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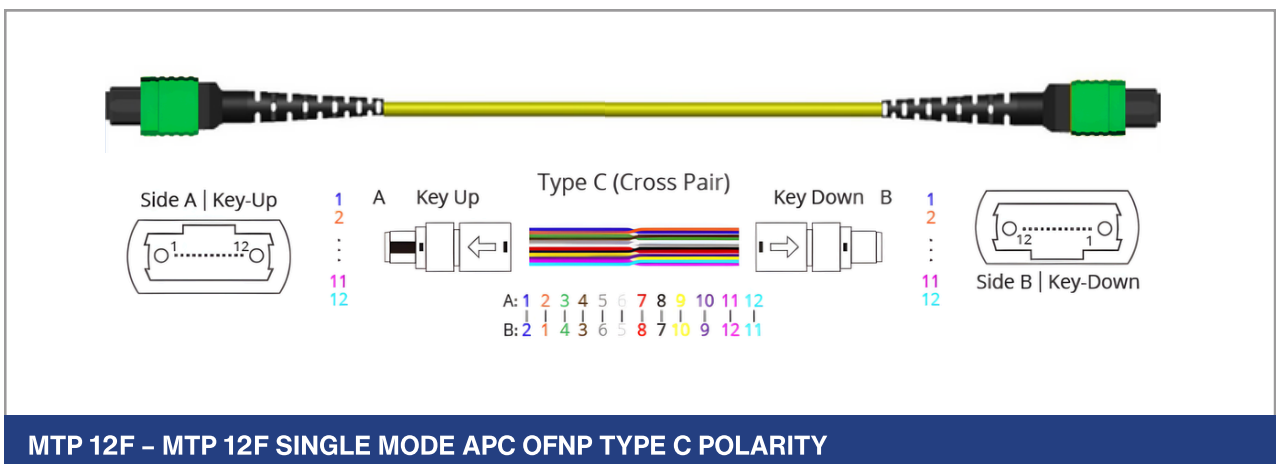
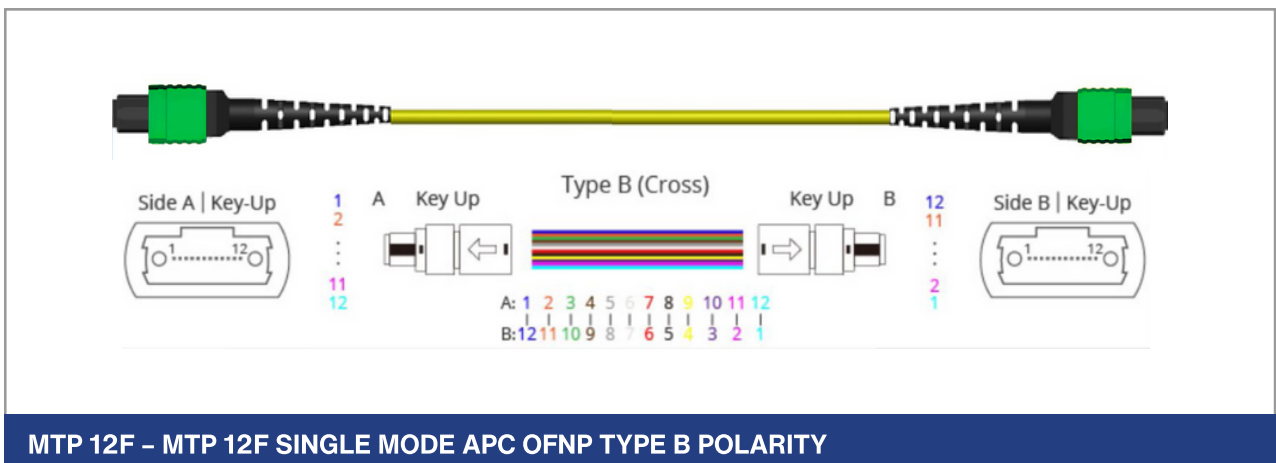
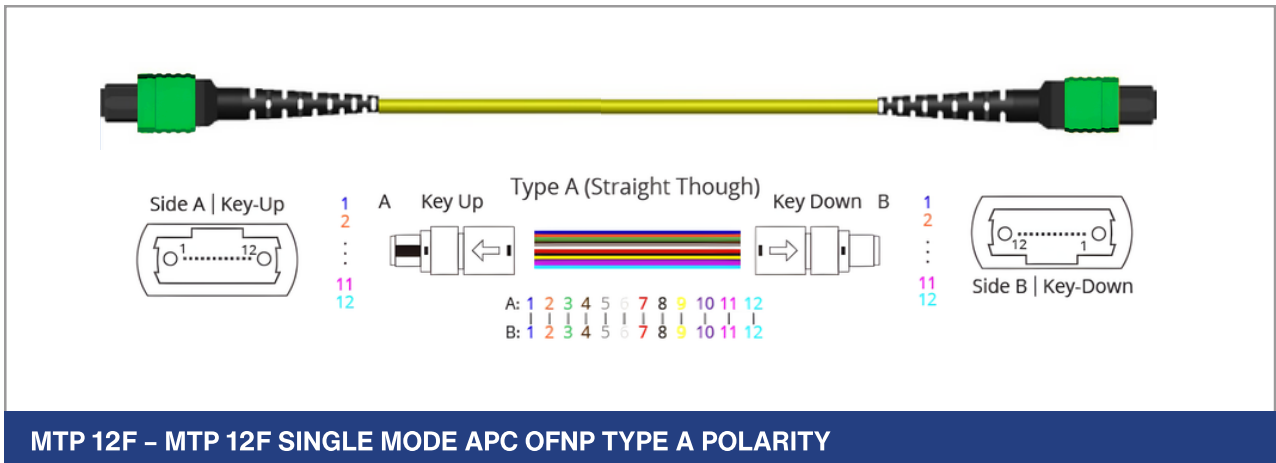
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## Technical Sketch

### Standard MTP® Trunks

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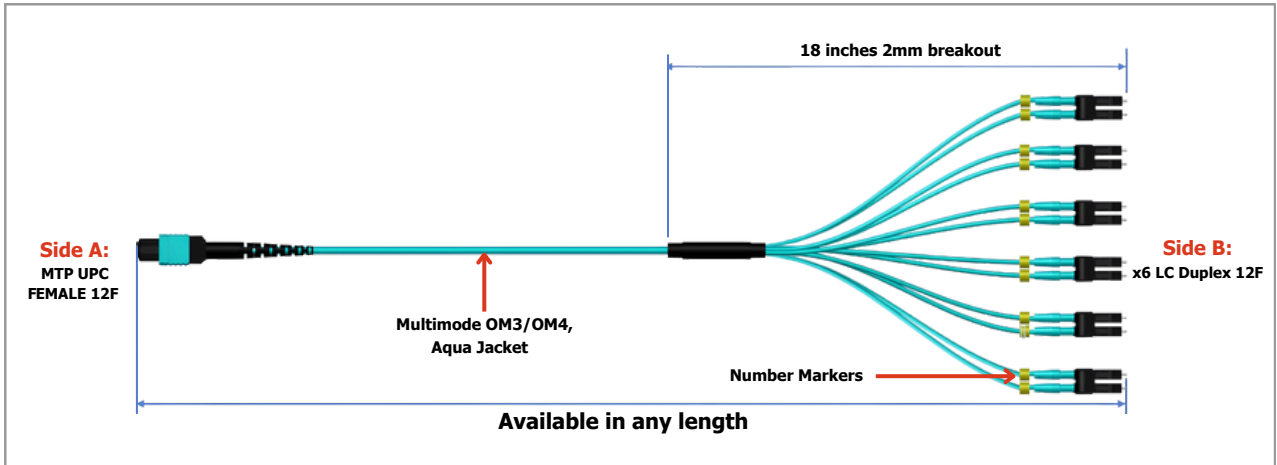
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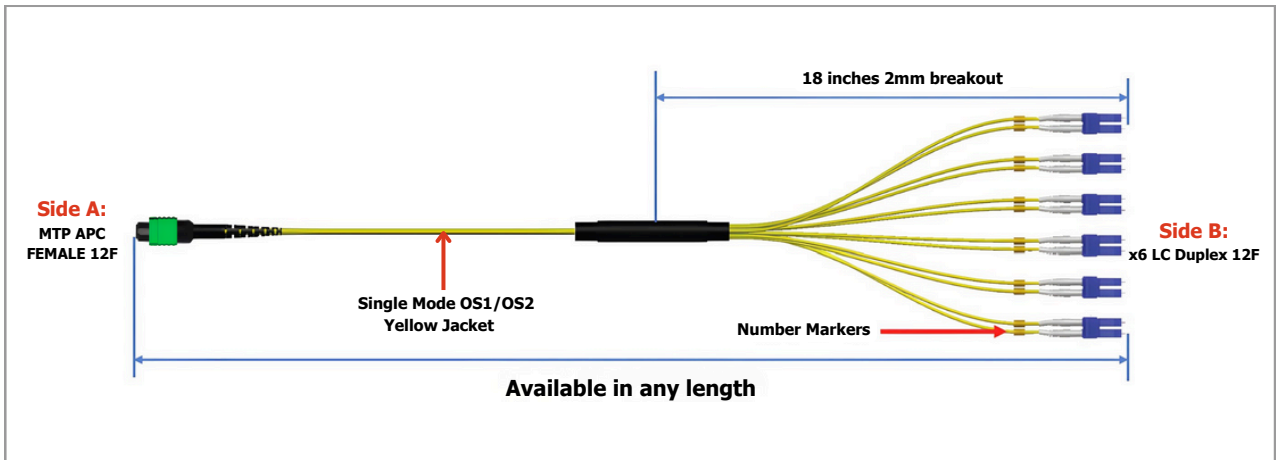
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### Standard MTP® Trunks

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MTP UPC 12F NONPINNED - LC 12F DX OM3 BREAKOUT CABLE



MTP APC 12F NONPINNED - LC 12F DX BREAKOUT CABLE

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