

1m (3ft) MTP(F)/PC to MTP(F)/PC OM3 Multimode Fiber Optic Cable, 12F Type-A, OFNP Plenum, 50/125m LOMMF, 40G Networks, Low Insertion Loss, MPO Fiber Patch Cord

**Product ID:** MPO12PL1M



This MPO/MTP fiber optic cable houses 12 fibers and lets you interface between different networking devices of varying speeds. For example, you can set up a one-to-one connection between two 40Gbps switches or servers. Alternatively, you can connect a 40Gbps switch and break out the 40Gbps into six duplex 10Gbps LC connections on a patch panel or network cassette, which then fans out to individual 10Gbps devices.

The MTP connector provides twelve times the density of an SC connector and saves circuit card and rack space. Plus, the push-and-pull tabs optimize accessibility, by letting you install or remove the connectors with one hand without using additional tools.

The MTP to MTP cable is housed in a plenum-rated jacket and is ideal for installations where CMP fire rating is required.

Each OM3 fiber cable has been individually tested for insertion loss and return loss. The full test report is included in each cable bag.

The MPO12PL1M from StarTech.com is backed by a lifetime warranty.

## Certifications, Reports and Compatibility



## Applications

- Use in 10/40 Gigabit Ethernet and fiber channel applications

- Connect 40Gbps MPO/MTP devices such as fiber patch panels, hubs, switches, media converters, and routers
- Supports 40GBASE-SR4 and 100GBASE-SR10 in applicable parallel optics networks

## Features

- **OM3 FIBER CABLE:** MTP/MPO Plenum-Rated OM3 Multimode Fiber Cable delivers up to 40 Gbps; This 12-fiber cable supports different networking devices at varying speeds; Ideal for high density connections to servers, switches, and Storage Area Networks (SANs)
- **QUALITY CONSTRUCTION:** OFNP jacket emits low-smoke and fumes if combusted; 50/125m fiber core/cladding is immune to EMI; MTP Push-Pull Tabs with Flexible Extensions facilitates convenient installation and removal
- **RATINGS AND RELIABILITY:** Individually tested for signal integrity; Test report included with each cable; Rated for plenum and in-wall installations; 12-fiber MTP/MPO connectors with PC polished ends keeps insertion loss below 0.5dB
- **COMPATIBILITY:** OM3 Multimode cable with MTP connectors supports 40 Gbps for high-density network applications such as SANs, data servers, and QSFP+ transceivers
- **SPECS:** 1m (3.3ft); Color: Aqua (OM3); 40 Gbps; MTP(F)/PC to MTP(F)/PC; 12-Fiber Type-A Straight Pinout; 850nm or 1300nm VCSEL; Modal Bandwidth: 2000MHz•km at 850nm; Cable OD: 3.0mm; Insertion Loss: Below 0.5dB, Return Loss: 20dB; Backed for Life

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### Hardware

Warranty	Lifetime
Fire Rating	OFNP Plenum Rated
Fiber Size	50/125
Cable Type	Straight-Through

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### Performance

Fiber Classification	OM3
Type	Multi Mode

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### Connector(s)

Connector A	1 - MPO/MTP
Connector B	1 - MPO/MTP

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### Physical Characteristics

Color	Aqua
Cable Length	3.3 ft [1 m]

Product Length	3.3 ft [1 m]
Product Width	0.6 in [14 mm]
Product Height	0.3 in [0.7 cm]
Weight of Product	0.6 oz [16 g]

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**Packaging Information**

Package Quantity	1
Package Length	8.7 in [22 cm]
Package Width	7.9 in [20 cm]
Package Height	0.4 in [10 mm]
Shipping (Package) Weight	1.0 oz [28 g]

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**What's in the Box**

Included in Package	1 - fiber optic cable
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*\*Product appearance and specifications are subject to change without notice.*