# MTP Single Mode Patch Cord | 4.8 mm



## Connector Specifications

| | |
|---|---|
| MTP Connector Compliance | IEC 61754-7, TIA 604-5, RoHS |
| Base-8 | 8 Fiber |
| Base-12 | 12 Fiber |
| Base-24 | 24 Fiber |
| Operating Temperature | -10°C to +70°C |
| Flammability | UL94 V-0 |
| Durability | > 100 mating cycles |
| Transmission with Applied Tensile Load | 50 Newtons |

## Optical Performance

| | | |
|---|---|---|
| Insertion Loss<br>IEC 61300-3-4 Method B | Average:<br>Maximum: | 0,10 dB<br>0,35 dB |
| Return Loss<br>IEC61300-3-6 Method B | Single Mode: | ≥ 60 dB |

## End-face Control Parameters

| | |
|---|---|
| Geometry Inspection | IEC 61755-3-1 |
| Visual Inspection | IEC 61300-3-35 |

## Cable Specifications

- 8-12-24 core distribution fiber optic cable
- Low smoke zero halogen
- Cable Diameter: 4.8 mm
- Length tolerance is ± 50 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 100 mm
- Cable Color: Black



MTP-A2
Base-8

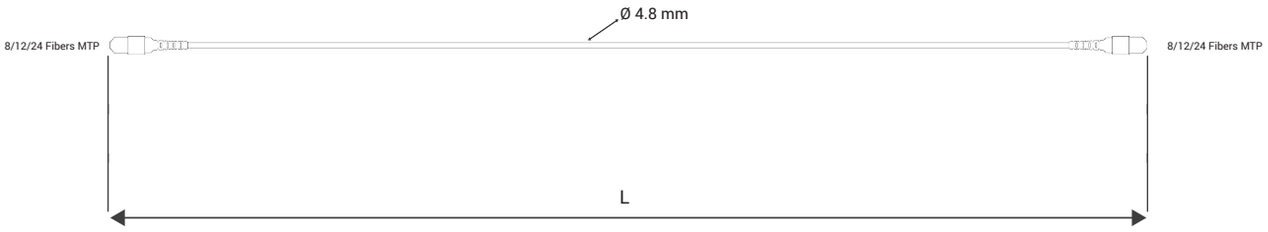


MTP-A2
Base-12



MTP-A2
Base-24






Sample Coding U - PC - 08 - MT - 048 - A2 - B - MTPEf - MTPEf - 005M

| Type | Type | Fiber Count | Cable Type | Diameter | Fiber Type | Polarization | 1. Connector | 2. Connector | Length |
|---|---|---|---|---|---|---|---|---|---|
| Universal: U | Patch Cord: PC | 8 Fibers: 08<br>12 Fibers: 12<br>24 Fibers: 24 | MTP/MTP: MT | 4.8 mm: 048 | SM G.657 A2: A2 | A Polarization: A<br>B Polarization: B | MTP-Female: MTPEf<br>MTP-Male: MTPEm | MTP-Female: MTPEf<br>MTP-Male: MTPEm | ___M |