

# Fiber optic products

The **MPO/MTP** is a multi-fiber connector suitable for high-density backplane and Printed Circuit Board (PCB) solutions in data and telecom systems. Used in transmitters and receivers, this connector offers up to 12 times the density of standard connectors, providing significant space and cost savings.

Precision molded **MT** ferrules, together with metal guide pins and precise housing dimensions ensure fiber alignment when mating. Mass termination in combinations of 4, 8, or 12 fiber ribbon cables is available. Single mode versions are offered with premium low-loss or standard and multimode versions are also available.

## HOUSING SPECIFICATION

### 1. Main Body Material

Plastic Housing & Mt Ferrule

### 2. Housing/Boot Color

Black- (PC/SM); Beige/Black – (PC/MM)

Other Colors Are Available

### 3. Ferrule Options

MT Ferrule with Multi-Hole

**FEMALE TYPE AND MALE TYPE AVAILABLE**

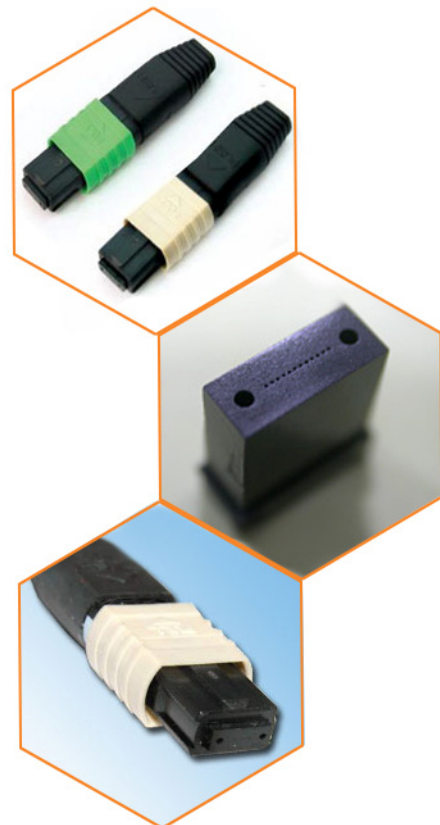


## CONNECTOR SPECIFICATION

- ✦ Push-On/Pull-Off Latching Connector For Easy Connection and Disconnection
- ✦ Compliant with IEC61754-7, TIA604-5b FOCIS5/605-4 Etc
- ✦ Meets UL94-V0 Flammability Requirements
- ✦ Insertion Loss: SM  $\leq$  0.35DB MM  $\leq$  0.70DB
- ✦ Return Loss: SM/PC  $\geq$  45DB , MM  $\geq$  35DB
- ✦ Durability :  $\leq$  0.2 DB
- ✦ Plug Times: >1,000
- ✦ High Precision Alignment
- ✦ Excellent Durability
- ✦ Excellent Interchangeability
- ✦ Excellent Repeatability
- ✦ Good Temperature Characteristic
- ✦ High Performance and Reliability

## APPLICATIONS

- ✦ Fiber Optic Patch Cord & Pigtail
- ✦ Telecommunication Devices
- ✦ Data Communications Networks
- ✦ Broadband/CATV Networks
- ✦ Interconnections for Parallel Optical Transmitters And Receivers



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