

PT/MPO Cable Assemblies

The harsh environment PT/MPO plug assemblies and mating receptacles leverage the proven MIL spec 26482 connector system to provide an environmental seal and mechanical protection for 4 to 24 fiber MPO style connections.

The metal bayonet connector system is quick to deploy, requiring only ¼ turn. It is a metal construction and has a positive latching system (both audible and visual).

Factory terminated PT/MPO plug assemblies are available in lengths starting from 1 meter and can be provided as jumpers with a breakout to connect with most any industry standard optical connectors, allowing hassle free integration. The PT/MPO receptacle accepts industry standard MPO patch cables to be used inside the enclosure, allowing simple connection to QSFP devices, or can be used with a breakout cable for discrete single fiber or SFP connections. Amphenol's PT/MPO connectors are exceptionally suited for WiMax, LTE, and other applications requiring more than 2 fibers. The PT/MPO is capable of performing in even the toughest environments.



Features and Benefits

- Available in both Singlemode and Multimode fiber types
- Available in 4, 8, 12 or 24 fiber configurations
- Excellent Vibration Characteristics
- Mates to Standard MPO or MTP assemblies

Specifications

- Multimode IL:
 - ≤0.25dB Typical
 - <0.75dB Max.
- Singlemode IL:
 - ≤0.35dB Typical
 - <0.75dB Max.
- Return Loss:
 - ≤-55dB
- Operating Temperature:
 - 40° to 85°C
- Durability:
 - >200 mating cycles
 - > 100 lb. Strain Relief

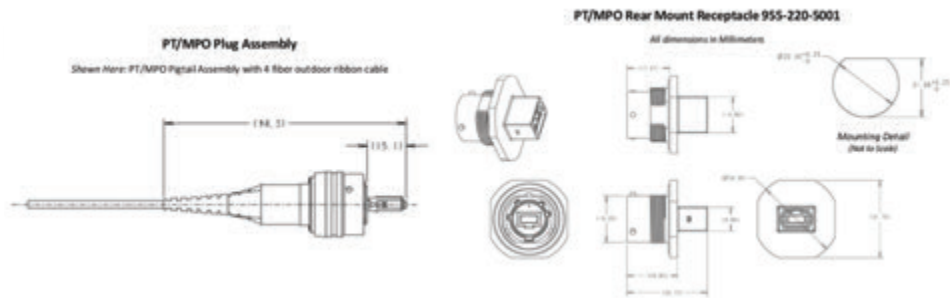
Applications

- FTTA
- Outdoor Areas
- Harsh Environment

Industry Compliance

Connectors are mechanically and optically intermateable with industry standard connectors and adapters and conform to TIA/EIA, IEC, and Telcordia specifications

GR-326 Issue IV



Ordering Information

Part Number	Description
942-98281-10001	JUMPER, PT/MPO TO 2F AARC RECEPTACLE, 4F FLAT RIBBON
942-98281-10001	JUMPER, PT/MPO TO 2F AARC RECEPTACLE, 4F FLAT RIBBON
942-98281-10001	JUMPER, PT/MPO TO 2F AARC RECEPTACLE, 4F FLAT RIBBON
942-98281-10001	JUMPER, PT/MPO TO 2F AARC RECEPTACLE, 4F FLAT RIBBON
942-98281-10001	JUMPER, PT/MPO TO 2F AARC RECEPTACLE, 4F FLAT RIBBON
942-98465-10001	JUMPER, LC/UPC(D)-LC/UPC(D) MICRO, 2F, S/M, 1M
942-98XXX-10003	JUMPER, AARC PLUG-LC 2F, SM, OUTDOOR CABLE, 3M
942-98XXX-1xxxx	JUMPER, PT/MPO TO 2F AARC RECEPTACLE, 4F FLAT RIBBON
943-98XXX-1xxxx	JUMPER, PT/MPO TO 2F AARC RECEPTACLE, 4F FLAT RIBBON

*Please call customer service for additional configurations