

PT/LC Cable Assemblies

The harsh environment PT/LC plug assemblies and mating receptacles leverage the proven MIL spec 26482 connector system to provide an environmental seal and mechanical protection for 2 fiber duplex LC style connections.

Available with either a quick mate bayonet or anti-vibration threaded coupling, the PT/LC provides a simple and reliable sealed connection. Factory terminated PT/LC plug assemblies, in various lengths, can be provided as jumpers to connect with most any industry standard optical connectors, allowing hassle free integration with existing hardware.

The PT/LC Receptacle accepts standard simplex or duplex LC assemblies to provide cost effective connections to active devices or patching with LC pigtails or jumpers. The PT/LC is capable of performing in the toughest environments and is exceptionally suited for WiMax, LTE, 3G/4G wireless, small cell and base station applications. Many available receptacle mounting configurations and cable types allow installation into almost any system or application.



Features and Benefits

- Available in both Singlemode and Multimode fiber types
- Blind Mate and Scoop Proof Interface
- Threaded or Bayonet mating style
- Easy to Install
- Metal housing provides improved EMI protection
- Mates to Standard LC simplex or duplex assemblies
- Excellent Vibration Characteristics

Specifications

- Multimode IL:
 - ≤0.35dB Typical
 - <0.50dB Max.
- Singlemode IL:
 - ≤0.14dB Typical
 - <0.30dB Max.
- Return Loss:
 - ≤-55dB
- Operating Temperature:
 - 40° to 85°C
- Durability:
 - >50 mating cycles

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

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Ordering Information

Part Number	Description
942-98142-10001	JMPR, PT/LC TO 2X SC, SM, 0.25M BO
942-98160-10001	JMPR, PT/LC TO LC(D), SM 0.5M BO, 1M
943-99595-10001	JMPR, PT/LC TO LC(D), OM2, 0.5M BO, 1M

*Please call customer service for additional configurations

PT/LC Plug Assembly

Shown Here: PT/LC Threaded to LC Assembly

