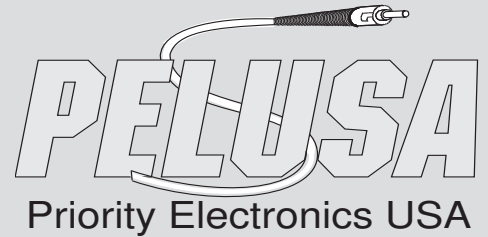




Priority Electronics Ltd

## Inline Coupler & Industrial LC Connector

IP67 exceeds ODVA Requirements



Priority Electronics USA

### Design Features and Benefits:

The design of the 2 Fiber Watertight Compression Coupler is intended to minimize both fiber exposure and the risk of signal degradation from various environmental conditions during installation, or later moves or changes.

The coupler allows connections to be made much more rapidly than with traditional field termination methods, such as splicing or field installable connectors. The 2 Fiber Watertight Compression Coupler simply involves joining two pre-configured cables without the need of a skilled specialist or expensive splicing equipment. The potential for errors, including improper seals, misalignment and polarity issues, is eliminated because installers do not need to craft each connection onsite. Also it can provide a reliable connection point near any equipment which utilizes proprietary connectors so that moves, changes and testing are easier to perform.



### Applications:

- Wireless rooftops, towers, and micro-cell sites; Provides a connection point near radio equipment, base station or on the tower. Replaces the need for an adaptor enclosure.
- Security/Camera systems that utilize fiber; Add an in-line connection point for fault location.
- Utility/industrial environment; Provide a ruggedized connection point protected from dust, moisture, climate, etc.
- FTTX; Provide a ruggedized connection point at the premise or in a pedestal/enclosure.
- Portable buildings used in schools or man camps; Provide a quick connection point that can easily be moved/changed when the structure is moved.

### Specifications:

- Insertion loss typical .10dB (SM) .20dB (MM)
- Durability <0.2dB typical change 500 matings
- Operating Temp: -40°C to +70°C
- Intermateable with other Industrial LC adaptor per IEC 60603-7
- IP67 Water immersion and Dust protection for Harsh environments
- Chemical Resistance



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