

J-Connector Assemblies

The Amphenol Optical J-Connector is designed for optical connectivity to outdoor installed electronics. Using a 'Direct Connect' topology, the J-Connector accepts either SFP or SFP+ pluggable transceivers.

It maximizes both space and performance by removing the internal link from the enclosure wall to the PCB mounted optics, allowing the transceiver to plug directly into the SFP or SFP+ cage.

Factory terminated and tested assemblies are available with S/M or M/M fiber in a variety of configurations. The field installable version can be installed over an existing outdoor simplex or duplex LC assembly for applications requiring on-site or local assembly manufacturing.

The J-Connector optical bulkhead receptacle is designed to accept any MSA compliant SFP or SFP+ transceiver, providing both IP-67 ingress protection as well as grounding to the panel/cage for improved EMI shielding. Applications include connection to Remote Radio Units (RRU/RRH), FTTA equipment and other outdoor systems.



Features and Benefits

- Factory or Field Installable version available
- Accepts any MSA compliant SFP or SFP+ transceiver
- Direct connect style interface
- Metal housing provides improved EMI protection
- Bayonet style coupling

Specifications

- Multimode IL:
 - ≤0.35dB Typical
 - <0.50dB Max.
- Singlemode IL:
 - ≤0.35dB Typical
 - <0.50dB Max.
- Operating Temperature:
 - 40° to 85°C
- Durability:
 - >100 mating cycles

Applications

- FTTA
- Small Cells
- Outdoor Areas

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
942-98363-10001	JUMPER, J-CONNECTOR TO 2F AARC, 1M
942-98364-10001	JUMPER, J-CONNECTOR TO LC (D), 1M
942-98365-10001	JUMPER, J-CONNECTOR TO LC SIMPLEX, 1M

*Please call customer service for additional configurations

