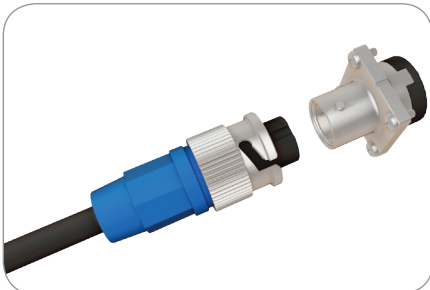


90° Rectangular Front Panel Connector



BNC Style Front Panel Connector

CARDConnect™ Multi-Ferrule MT Front Panel Solutions

AFL's multi-ferrule MT front panel CARDConnect hardware packages enable high density, robust optical connectivity in card edge applications such as server, switch and router line cards. The connectors incorporate novel self-aligning features, which prevents misalignment when mating. Front panel solutions consist of an internal interface and the external user interface. AFL's front panel connectors are designed to meet the requirements of TELCORDIA-GR-1435-CORE.

Internal and external front panel connector assemblies are configured with CARDConnect ferrule inserts. The ferrule inserts incorporate traditional epoxy/polish MT ferrules or AFL's lensed MT ferrules. Ferrule options provide flexibility of choice between traditional physical contact and non-contact expanded beam technology in the same platform. For the internal interface, a RJ-45 style mechanical latching of the ferrule insert design provides ease of insertion into the connectors for individually terminated MT ferrules. For the external interface, ferrule insert assemblies are pre-configured in front panel connector cable assemblies designed to meet the needs of specific applications. Channel density is configurable by the number of ferrules incorporated into the connector hardware packages. AFL offers flexibility of array assemblies and configurations to meet application requirements including size constraints, fiber/cable type and the ability to incorporate custom fiber shuffles.

Features

- Compatible with Epoxy/Polish and Lens MT CARDConnect inserts
- Rectangular, round and HBNC hardware packages available
- Telcordia GR-1435-CORE compliant
- Single-mode and multimode fiber type

Applications

- Chassis-to-chassis connectivity
- Router, switch and server card edge connectivity
- Panel mount connectivity for test, video and instrumentation equipment
- High density, robust blind-mate interconnect for data and telecommunications systems

Ordering Information

AFL's CARDConnect solutions are completely customizable to meet your needs. Contact AFL customer service at 1-800-235-3423 to discuss your opportunities.

Ferrule Inserts for Internal Front Panel Solutions are sold separately. For ferrule specifications and insert information, Please refer to the CARDConnect Ferrule Insert Assemblies specification sheet for more information.