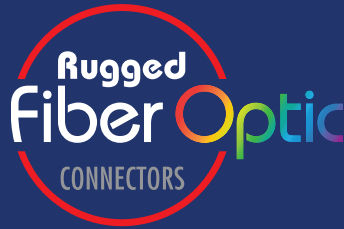


OPTIMIZED
FOR USE WITH
FIBER KING
FIBER OPTIC CABLES



Rugged high-density
**PRIZM® MT Expanded
Beam** and **MT Elite® PC**
fiber optic systems



Easy-to-use, harsh environment, super high-density PRIZM® MT expanded-beam fiber optic assemblies in Glenair ruggedized I/O and backplane connector packaging

ALSO AVAILABLE: MT ELITE® PHYSICAL CONTACT SINGLEMODE AND MULTIMODE CONNECTOR AND CABLE SOLUTIONS



- Glenair is qualified by US Conec to terminate one- and two-row PRIZM® MT ferrules for both ribbon and round fiber optic cable
- Available as turnkey, factory-terminated PRIZM® MT expanded beam assemblies—fully ruggedized for harsh air and space applications
- Highest-density fiber optic solution with reliable, repeatable optical performance
- Outstanding stability under shock and vibration conditions
- PRIZM® MT provides outstanding tolerance to debris contamination

RUGGED HIGH-DENSITY Fiber Optic Connection System: MT Ferrule Elite and Expanded Beam



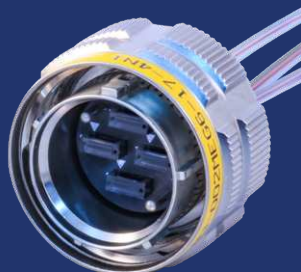
Qualified, terminated MT ferrule assemblies



Glenair US and UK are qualified by US Conec to terminate 1 and 2 row PRIZM® MT and ferrules for ribbon and round cable fiber

PRIZM® MT is a monolithic optical fiber ferrule that integrates microlenses and mechanical alignment features into a single component. The design provides low insertion loss and return loss for up to 32 fibers and is optimally resistant to debris contamination. Glenair supplies the PRIZM MT ferrule in factory-terminated cable assemblies for both inside-the-box as well as environmental point-to-point applications. Ruggedized aerospace-grade I/O and backplane connectors are also available for use with standard MT Elite® physical contact (PC) ferrules. MT Elite compatible connectors and ferrule kits are ordered separately for complete convenience in the implementation of both singlemode and multimode fiber optic datalinks.

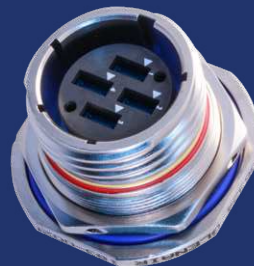
SUPERNINE MT CONNECTOR CONFIGURATIONS



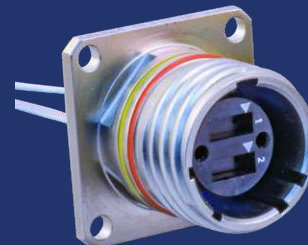
Cable Plug



In-Line Receptacle



Jam-Nut Receptacle



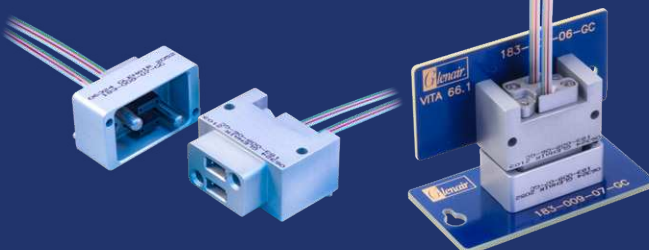
Panel-Mount Receptacles

SERIES 79 MT CONNECTOR CONFIGURATIONS



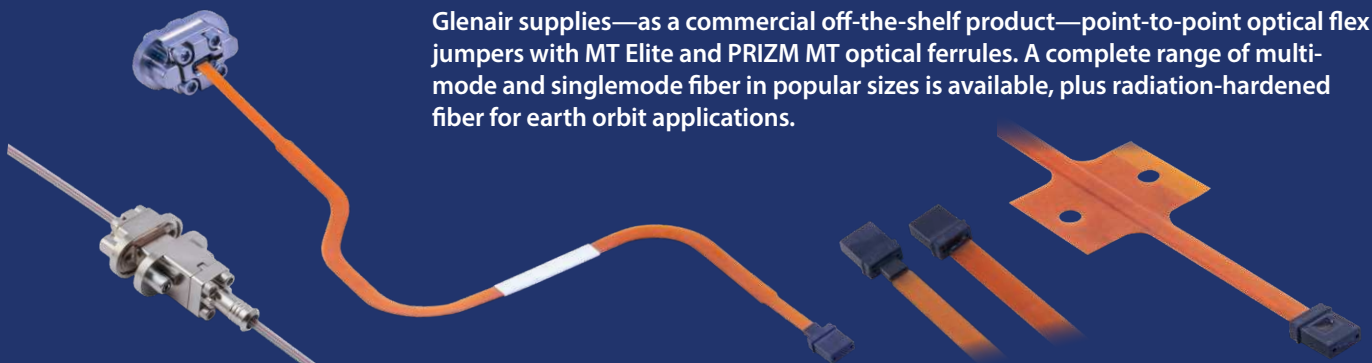
Plugs and receptacles with integrated banding porch, retaining plates, or EMI gasket for ribbon or round fiber media supporting both MT Elite® and PRIZM® MT ferrules.

VITA 66 STYLE MT CONNECTORS



VITA 66.1 and 66.4 format. Discrete backplane connectors and MT ferrule assemblies.

CATALOG FAST-TURNAROUND "ASAP" MT OPTICAL FLEX JUMPERS AND CABLE ASSEMBLIES



Glenair supplies—as a commercial off-the-shelf product—point-to-point optical flex jumpers with MT Elite and PRIZM MT optical ferrules. A complete range of multimode and singlemode fiber in popular sizes is available, plus radiation-hardened fiber for earth orbit applications.

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