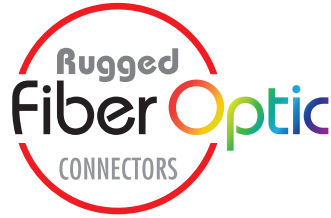


MILITARY GRADE
FIBER OPTIC
INTERCONNECT
SOLUTIONS



Product Selection Guide:
Mil-qualified and Glenair
signature fiber optic
connectors, cables, and
termini

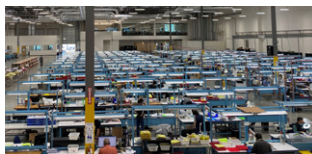


A complete range of rugged fiber optic interconnect systems optimized for each military service branch and/or harsh environment industrial application. Complete capability includes turnkey F/O cable assemblies, discrete connectors and termini, backshell accessories, testing, and certification. All systems are designed, qualified, and made in the USA.



Glenair signature MT ferrule connectors are the only ruggedized solution certified by US CONEC

Why Glenair
Fiber Optics?



Glenair manufactures every popular mission-critical fiber optic interconnect system. Our fiber optic datalink technologies reduce interconnect system weight, expand system bandwidth, and eliminate electromagnetic interference in rugged land, sea, air, and space applications.

Page A-4

Turnkey
F/O Cable
Assemblies



Fiber Optic cables and harnesses: turnkey environmental and inside-the-box assemblies. Glenair's fiber optic cable assembly team is the largest and most professional in the mil-grade interconnect industry, delivering guaranteed made-in-the-USA quality.

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The world's most complete offering of Mil-qualified and Glenair signature butt-joint, MT ferrule, and expanded-beam F/O systems

<p>SuperNine MIL-DTL-38999 Type</p>		<p>The go-to military/aerospace fiber optic/termini solution. Glenair signature “better than QPL” SuperNine® series tight-tolerance connectors with superior termini axial alignment and low dB loss performance.</p>	<p>Pages B-1 – B-65</p>
<p>ARINC 801 Genderless</p>		<p>The ARINC 801 genderless size #16 rear-release termini for ARINC 801 and other industry-standard connector packages. Ultra-low dB loss ARINC solution with removable alignment sleeve retainer for easy maintenance.</p>	<p>Pages C-1 – C-19</p>
<p>Glenair High Density (GHD)</p>		<p>The Glenair High-Density size #18 genderless termini alternative to larger form-factor MIL-DTL-38999 fiber optic connectors. For military/aerospace applications that require reduced size and weight in a D38999-type package.</p>	<p>Pages D-1 – D-15</p>
<p>Series 806 Mil-Aero Micro Miniature</p>		<p>The ultimate harsh-environment micro miniature butt-joint type fiber optic connection system. Series 806 Mil-Aero meets all of the harshest SWAMP-zone aerospace requirements at half the size and weight of D38999.</p>	<p>Pages E-1 – E-17</p>
<p>Rugged MT Fiber Optics</p>		<p>The highest-reliability, highest-density fiber optic connection system. Glenair ruggedized MT ferrule solutions for I/O and backplane applications—aerospace-grade circular, rectangular, and VITA 66 packaging.</p>	<p>Pages F-1 – F-39</p>
<p>NAVSEA and Underwater Oil & Gas</p>		<p>MIL-PRF-28876 qualified shipboard fiber optic connectors, termini, backshells, and assemblies. In-stock, high-availability, Nxxavy-approved fiber optics plus SeaKing high-pressure open-face, Pierside, and NGCON next-gen systems.</p>	<p>Pages G-1 – G-63</p>
<p>Glenair Front Release (GFR)</p>		<p>The Glenair signature solution for rapid integration of fiber optic media in virtually any connector package. Unique-design size #16 ferrule system with integrated termini retention and environmental sealing.</p>	<p>Pages H-1 – H-15</p>
<p>Rugged Field and Expanded Beam Fiber Optics</p>		<p>Sealed, lens-array fiber optics for harsh environmental applications plus GFOCA hermaphroditic. GFOCA is the industry-standard for long-run battlefield data links. Glenair signature Eye-Beam™ Power, Eye-Beam™ GMA, and Eye-Beam™ GLT are easiest-to-clean expanded beam designs.</p>	<p>Pages I-1 – I-29</p>
<p>Termination and Inspection Tools and Kits</p>		<p>The right fiber optic tool for the job. Industry-standard and Glenair signature installation and maintenance tooling, workstations, and kits for factory and field fiber optic termination and troubleshooting.</p>	<p>Pages J-1 – J-63</p>