

MIL-AERO GRADE
HIGH-FREQUENCY
RF TRANSMISSION
LINE ASSEMBLIES



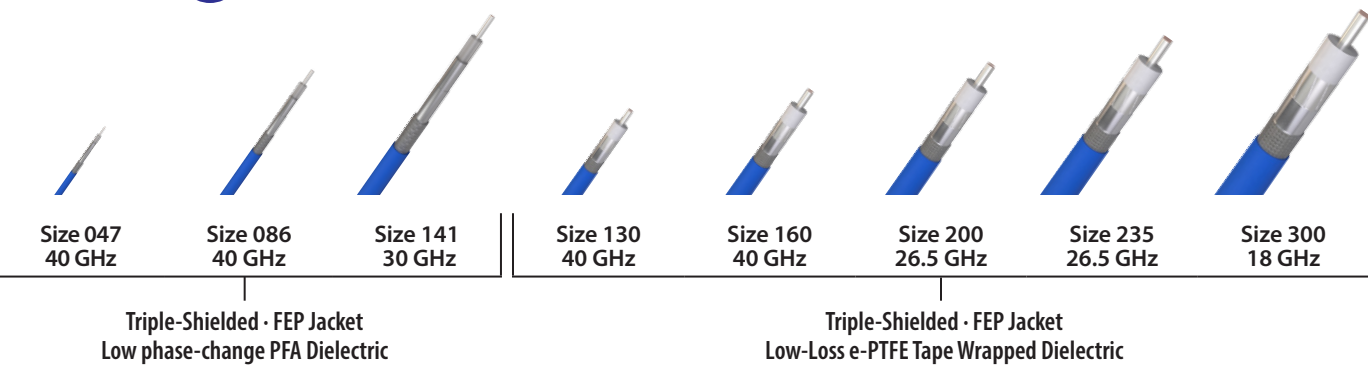
Turnkey RF and Microwave
Transmission Line Assemblies
Built with Glenair Multi-Port
Connectors, Low-Loss Cables
and High-Frequency Contacts



Glenair is one of just a few interconnect manufacturers that can supply turnkey RF transmission line assemblies—fully connectorized and ready for immediate use—built 100% in-house with Glenair component parts. Glenair high-frequency RF assemblies are typically used in line-replaceable units and chassis that are part of an RF data transmission chain. The rugged, environmental construction of Glenair multi-port RF connector shells and contacts, combined with our high-reliability BluMark RF coax cables, makes these turnkey transmission line solutions ideal for mission-critical SATCOM, Radar, electronic warfare, and avionic systems.

BLUMARK
COAX CABLES

GLENAIR TURNKEY RF ASSEMBLIES ARE BUILT WITH BLUMARK RF
AEROSPACE-GRADE 50 OHM LOW-LOSS COAX CABLES



RF, Microwave, and mmWave Interconnects

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BluMark RF Coax Cable Pages 2-10		Coax Cables: Series 962 BluMark RF 50 Ohm are available in size categories 047, 086, 141, 130, 160, 200, 235, and 300. These low-loss cables are suitable for aerospace applications and test equipment.	BluMark RF Coax Cable Selection Guide Page 2
SuperNine RF Multi-Port RF Connectors Pages 12-23		Series 23 SuperNine RF multi-port connectors are advanced-performance MIL-DTL-38999 Series III type designs with superior shielding, sealing, and high-vibration performance. Unibody ground plane and support for BMB, SMPM, and SMPS contacts.	SuperNine RF Selection Guide Page 12
Series 806 RF Multi-Port RF Connectors Pages 24-40		Series 806 RF Mil-Aero multi-port connectors are micro-miniature connectors with reduced size and weight, plus advanced electrical, mechanical, and environmental performance. Unibody ground plane and RF contact insert arrangements.	Series 806 RF Selection Guide Page 24
Series 795 RF Multi-Port RF Connectors Pages 41-72		Series 795 RF high-density, multi-port connectors are a dual-lobe scoop-proof high-density rectangular series. One-piece connector shells provide a common unibody ground plane that eliminates radiation through the connector.	Series 795 RF Selection Guide Page 41
Series GMMD Modular Micro-D Connectors Pages 73-84		Series GMMD modular Micro-D Coax connectors are supplied in SMT PCB receptacles and prewired plug assemblies. GMMD supports up to 16 lines of 50-Ohm coax as well as 75-Ohm and mixed arrangements.	Series GMMD Selection Guide Page 73
RF Jumpers and Assemblies Pages 85-93		RF Contact jumpers and connector assemblies are factory-terminated point-to-point solutions with BluMark RF coax cable and industry-standard-interface RF connectors, or drop-in contacts for multi-port connectors. 100% tested to ensure optimal RF signal performance.	RF Assemblies Selection Guide Page 87
RF Adapters Pages 94-100		Series GRF05 RF Adapters connect between or within a series. Frequently used as connector savers, male-female adapters protect RF jacks on instruments from wear-and-tear. 45° and 90° SMA male-female adapters provide extra clearance in cramped quarters.	RF Adapters Selection Guide Page 96
RF Connector Accessories Pages 101-111		Protective Covers and Dummy Receptacles for RF connectors: SMA, TNC, BNC, HN and N.	RF Accessory Selection Guide Page 103