

Defense



PCB / Flex Circuit Assemblies

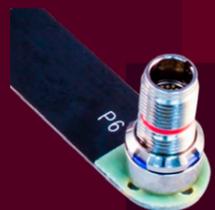


Glenair's flex circuit assembly cell is IPC 6012 / 6013 Class I, II, III, types 1-4, ISO 9001, and AS9100 certified. Glenair flex and rigid flex assemblies utilize high-performance polyimide PCB materials. Standard FR-4 board assemblies are also available. All connectors used in the flex and rigid flex assemblies meet or exceed military requirements for shock, vibration, corrosion resistance, environmental sealing, and shielding performance. All assemblies are optimized for size and weight reduction, as well as superior performance in high-speed, RF, and high-bandwidth optical applications.

LIGHTWEIGHT, SMALL FORM-FACTOR ASSEMBLIES Optimized for Military / Defense Applications



Micro-D subminiature I/O connector to AlphaLink board connector assembly



Nanominiature Series 88 SuperFly flex jumper



Series 79 Micro-Crimp flex assembly with hybrid signal and power contacts



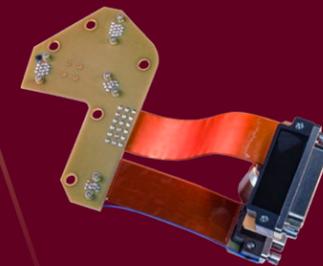
High-speed 10GbE flex assembly with El Ochito datalink contact

COMPLETE RANGE OF MILITARY-GRADE FLEX ASSEMBLIES

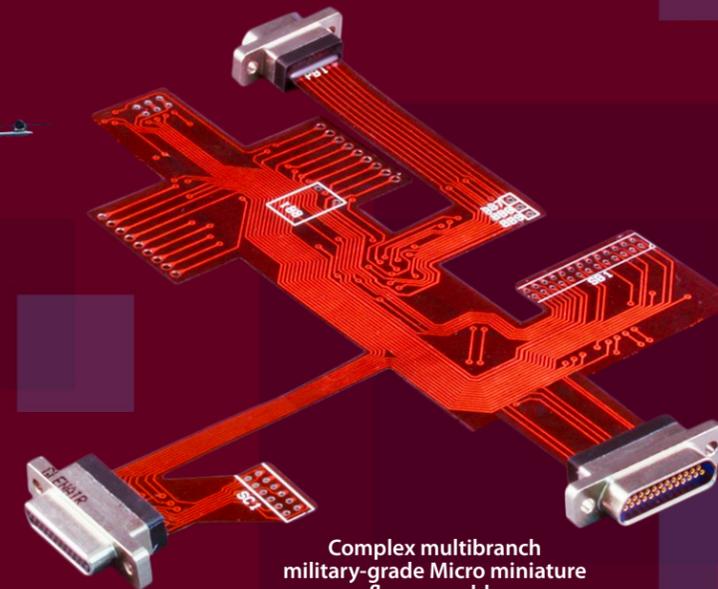
Reliable • Repeatable • Turnkey

Types and kinds of assemblies

- Single-sided, double-sided, and multilayer flex circuitry
- Flex, rigid flex, and FR-4 board assemblies
- Through-hole and surface-mount connector terminations
- Integrated EMI / RFI shielding designs
- Bakeout-processed assemblies—optical and electrical



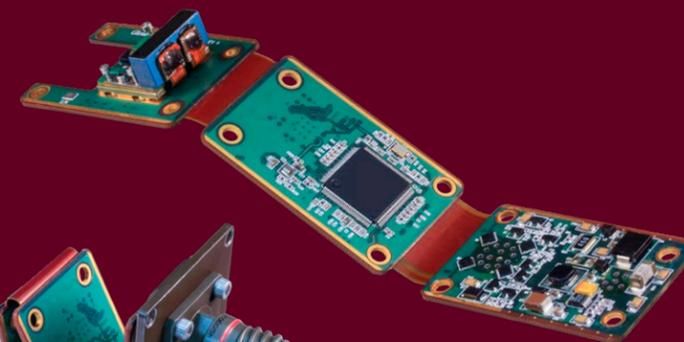
Stacked Micro-D I/O connectors with flex jumper to rigid PCB assembly



Complex multibranch military-grade Micro miniature flex assembly



High-shock matched-impedance right-angle connector adapter assembly with integrated flex circuit



Unique-design embedded circuit assemblies with flex-to-install element

Inside-the-box jumper assembly with Glenair HD Stacker board-to-board interconnects



Glenair MT optical flex circuit assembly with shuffle circuit fiber line routing. Optimized for use with ruggedized Series 79 MT connectors.