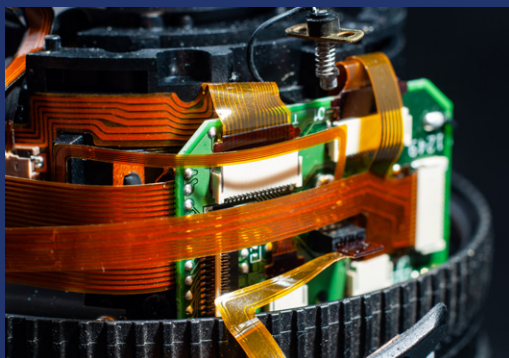


AEROSPACE-GRADE SuperFlex™

PCB/FLEX CIRCUIT ASSEMBLIES

Turnkey connectorized flex and rigid flex interconnect assemblies—electrical and optical—incorporating Glenair-made circular and rectangular PC-tail connectors—terminated, tested, and ready for immediate use.

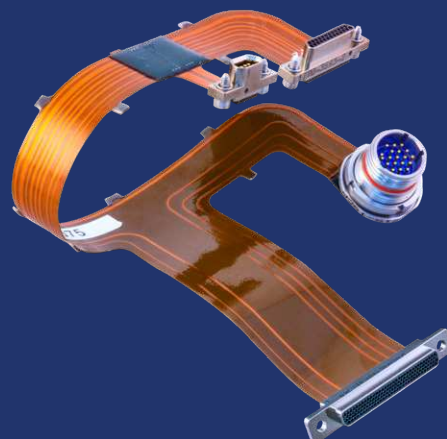


Glenair SuperFlex are PCB / flex interconnect assemblies, produced 100% in-house by Glenair utilizing our own high-performance range of printed circuit board connectors. Typical SuperFlex assemblies are I/O-to-board format solutions designed for optimal size, weight, and routing.

In many applications, Glenair flex and rigid-flex interconnect

circuits are superior to conventional wiring as they can be easily routed in three dimensions, are lighter and smaller than discrete wires, and offer virtually unlimited flex cycles in articulated applications.

Compared with conventional wiring, compact, flexible SuperFlex printed circuit assemblies reduce system complexity and assembly time as well as enhance reliability. Due to their low mass and high circuit density, SuperFlex assemblies are less susceptible to impact and vibration damage than conventional wire harness assemblies, making them an ideal choice in missile and other reduced form-factor applications. Shielding, strain relief, as well as single- and double-sided designs are standard features.



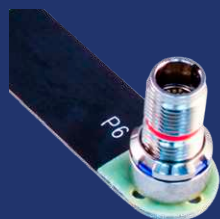
IPC 6012/6013 Class I, II, III,
Types 1-4 Certified Production

Glenair recommends commercial customers specify IPC-6012/6013 standards of workmanship, which are fully supported by Glenair. Military customers may alternatively cite specifications IAW MIL-PRF-31032.

GLENAIR SIGNATURE PC-TAIL CONNECTOR TYPES AVAILABLE IN TURNKEY FLEX ASSEMBLIES



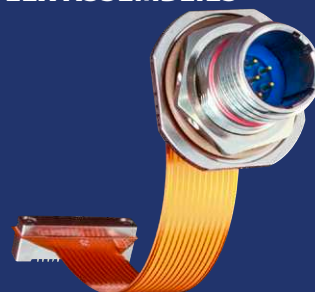
Series MWD Micro-D and
spring-contact AlphaLink



Series 88
SuperFly

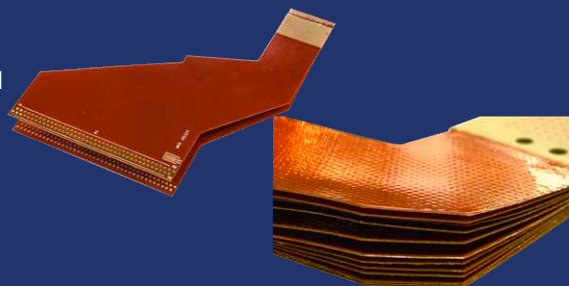


Series 79
Micro-Crimp



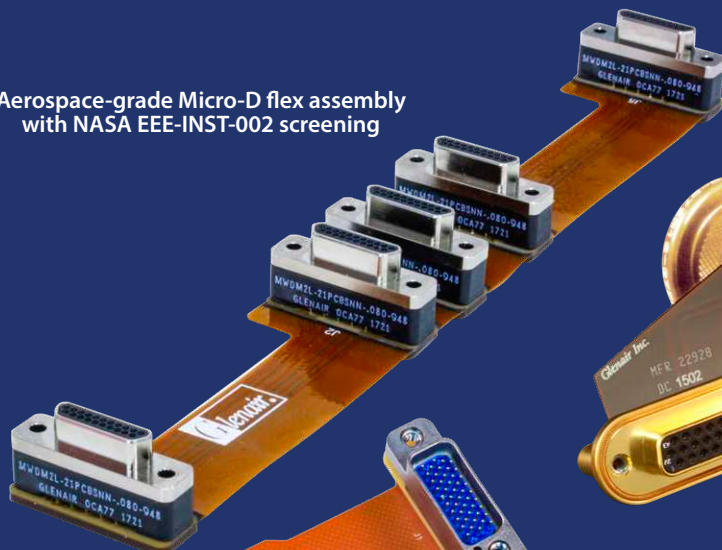
SuperNine MIL-DTL-38999 type flex
with board connector

Glenair SuperFlex turnkey connectorized flex and rigid flex interconnect assemblies incorporate our in-house flex circuit fabrication and innovation. All SuperFlex assemblies are optimized with ground planes and shields, strain relief features, mounting points for improved resistance to vibration and shock, and are available in multi-layer and double-sided configurations. All terminations backpotted for compliance with conformal coating processes. Optical and electrical solutions available. Special long-length assemblies up to 78 inches.



MULTIBRANCH SUPERFLEX ASSEMBLIES WITH GLENAIR SIGNATURE CONNECTORS

Aerospace-grade Micro-D flex assembly with NASA EEE-INST-002 screening



High-shock matched-impedance Mighty Mouse assembly with flex circuit



Aerospace-grade Series 28 HiPer-D to Series 80 Mighty Mouse I/O jumper: a tight space-constrained rectangular-to-circular solution



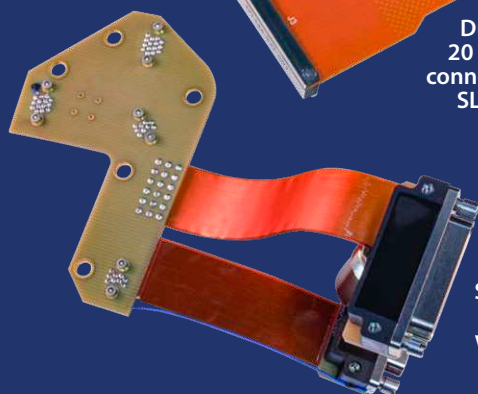
Dual-gang series 20 Super-Twin™ I/O connector to AlphaLink SL PCB connector



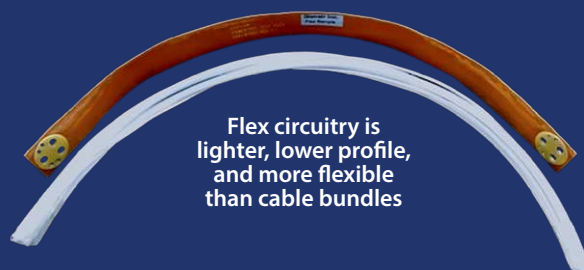
Hybrid flex/rigid flex multibranch Micro-D and Series 23 SuperNine flex assembly with discrete RF circuits



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



Flex circuitry is lighter, lower profile, and more flexible than cable bundles



Fairway-Flex™
LONG-LENGTH FLEX ASSEMBLIES



High vibration and shock resistant rigid flex assembly with Glenair Mighty Mouse, Micro-D, and RF connections

