

MISSION-CRITICAL
INTERCONNECT
SOLUTIONS



Glenair
SIGNATURE SERIES



Mission-Driven Interconnect Designs

For Ground, Sea, Air, and Space Applications

Glenair: Focused, Interconnect Design Partner to the Mil-Aero Industry



Mission-driven growth in capabilities and capacity

- Over 5000 total staff, including 400 engineering / technical support professionals
- Facility footage in excess of 2,000,000 sq. ft.
- AS9100 SAE and ISO 9001 Certified, QMS / customer audits
- Active new product development in high-speed, fiber optics, RF, and harsh-environment power
- Unique “high availability” customer service
- First-world factories only: US, UK, Italy, Germany



INTERCONNECT CABLE ASSEMBLIES AND HARNESSES



Turnkey optical and electrical



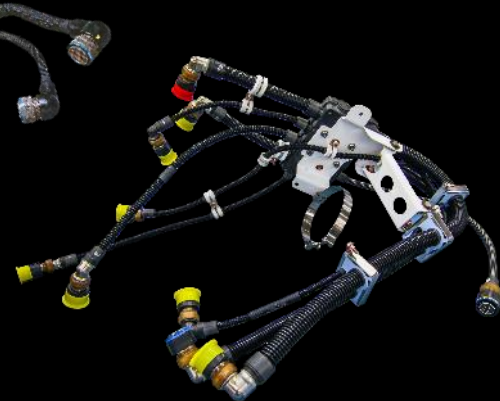
Turnkey fiber optic
cable assemblies



Space-grade wire
harness assemblies

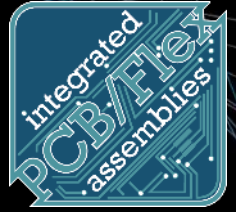


Complex multibranch
and overmolded
assemblies

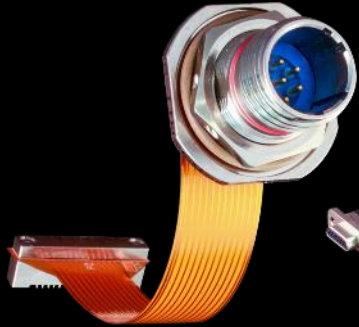


Factory-terminated
conduit assemblies

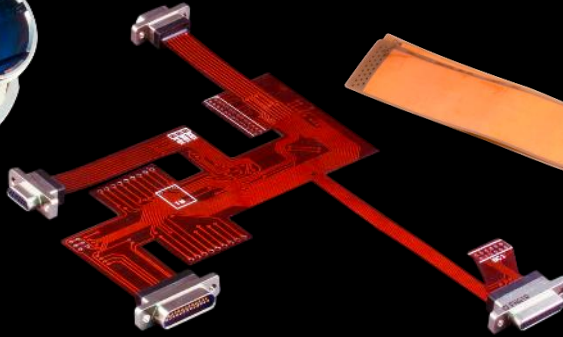
INTEGRATED PCB/ FLEX CIRCUIT ASSEMBLIES



IPC-6012/6013 class I, II, III types 1-4



Point-to-point flex and
rigid-flex jumpers



Multibranch
flex circuit assemblies



Special long-length
and clock spring
designs



High-density MT
optical flex circuits
and connectors

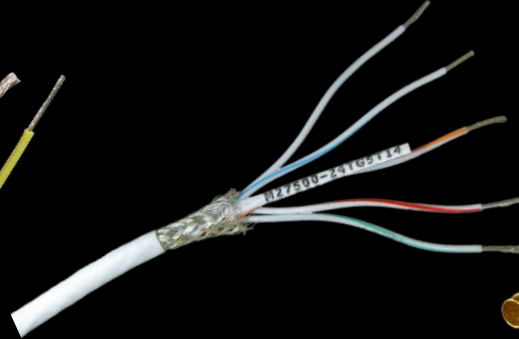
HIGH-PERFORMANCE WIRE AND CABLE

SpeedLine
High-Speed Data Link Cables

M22759 · M27500 · high-speed · flexible power and signal



M22759 and Glenair
GS22759 single-ended
hookup wire



M27500 type and custom
multi-conductor cables



SpeedLine
aerospace-grade
Ethernet cable



TurboFlex flexible power
cables with Duraelectric

Glenair

QPL AND GLENAIR SIGNATURE CONTACT TECHNOLOGY



Signal · RF · high-speed datalink · power · high voltage



Low-loss, matched-impedance RF / coax

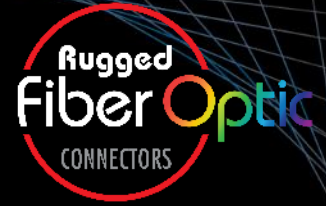
High-speed differential datalink

AS39029 signal and power

High-ampacity, high-temperature power



RUGGEDIZED FIBER OPTIC INTERCONNECT SYSTEMS



Turnkey inside-the-box and environmental cable harnesses and assemblies for all major fiber optic interconnect systems



Environmental overmolded point-to-point assemblies



Cable reel assemblies for field applications



Micro-miniature high-density fiber optics



High-power expanded beam fiber optics

RF, MICROWAVE, and mmWAVE INTERCONNECTS



Coax components and cable assemblies for harsh land, sea, air, and space applications



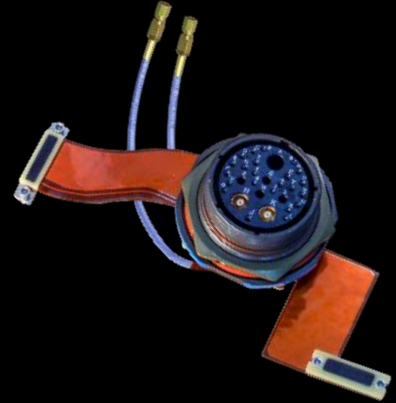
Aerospace-grade multi-port connectors



BluMark RF low-loss Coax cable



High-frequency RF contacts and G-LinkRF adapters

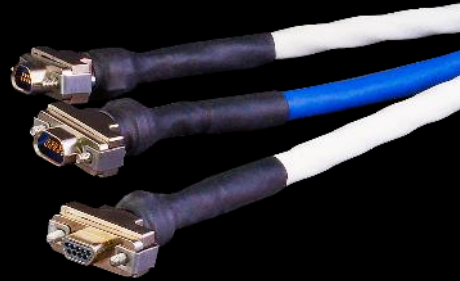


Turnkey Coax interconnect assemblies



TRL9 FLIGHT HERITAGE SPACE-GRADE INTERCONNECTS

NASA · ESA · JAXA · Commercial



Hold-down and release
mechanisms

Space-grade
MIL-DTL-38999
series III connectors

Assisted-release
blind-mate
connectors

SpaceWire and other
micro-d connectors
and assemblies



eVTOL AIR TAXI INTERCONNECT SOLUTIONS



For AAM electric propulsion systems, avionic sensors, and EWIS cable management



Electrical power propulsion system connectors

Lightweight avionic and sensor connectors



Wire and cable management



Lightweight EMI / RFI shielding



MIL-AERO CIRCULAR CONNECTORS



Environmental · hermetic · filter · fiber ·
high-speed datalink · bulkhead feed-thrus · Sav-Con®s · lanyard-release



Land / military vehicle
interconnects

Aerospace-grade
environmental

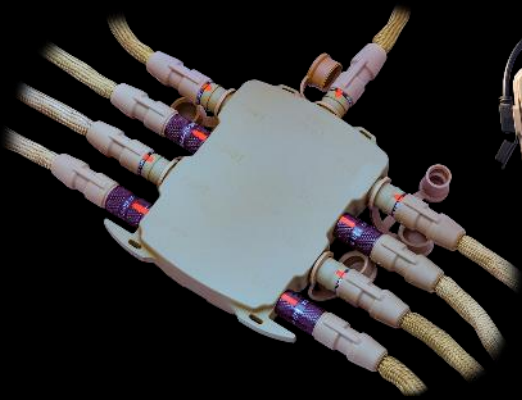
Aerospace-grade
hermetics

Navy-qualified
shipboard

STAR-PAN™ SOLDIER USB HUB / POWER DISTRIBUTION SYSTEM



JTAC-tough · battle-tested · Series 807 Nett Warrior connectors



Scalable, multiport
USB / power hubs

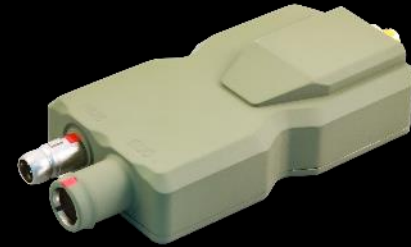


Compatible with all
radio and C4ISR
equipment



Nett Warrior
NWPAN-WP-20210223
APPROVED

807 NW / NATO
connectors
and cables



Mission Manager
EUD USB peripheral
data exchange device

COMMERCIAL AEROSPACE EWIS TECHNOLOGIES



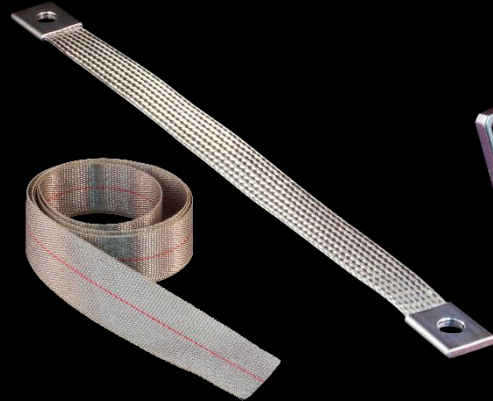
FAA-qualified wire interconnect solutions for weight reduction and life-of-system durability



Harsh-environmental
SWAMP-zone connectors



Weight- and
labor-saving
strain-reliefs



Lightweight
EMI/RFI
shielding



Micro miniature
mil-aero grade
connectors



OIL & GAS INDUSTRY UNDERWATER CONNECTORS



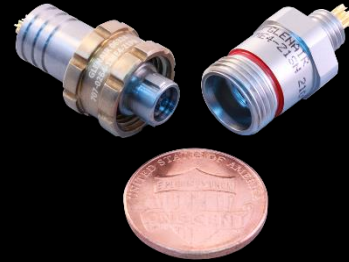
10K PSI deep water · downhole/HTHP · topside · shallow water ·
high-speed copper/fiber



SeaKing: 10K PSI
flagship series



SeaKing PEEK
cathodic
delamination-free



Micro-PSI
miniature high-
pressure



PBOF and
overmolded
assemblies

RUGGED INDUSTRIAL POWER CONNECTORS



VG-qualified and Glenair signature power interconnects for nuclear, rail, and other harsh-environmental applications



High-voltage
connectors



Nuclear-grade
connectors



Hazardous Ex zone
connectors



Rail and industrial
reverse-bayonet
power connectors



QPL and GLENAIR SIGNATURE RECTANGULAR CONNECTORS



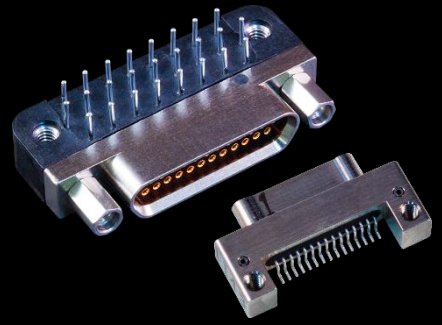
AlphaLink™ · HD Stacker™ · Nano (32139) · Micro-D (83513)
D-sub (24308) · VersaLink · Series 792 and 795 · GMMD



Board and board-to-board designs



Space-grade harsh-environment designs



Micro-D and nanominiature connectors



High-speed and high-frequency RF



MICRO MINIATURE CIRCULAR CONNECTORS

SERIES
806
MIL-AERO

Save weight · save space · optimize power · enhance signal performance



D38999-equivalent
micro miniature



Highest-density
nano circular
designs



Tactical data comms
connectors



Turnkey
cable assemblies

HIGH-SPEED DATALINK CONNECTORS



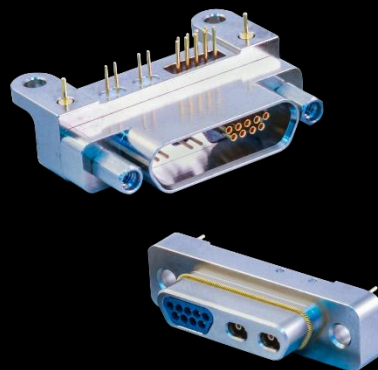
Contacts · connectors · cables · jumpers



RJ45 and USB
field connectors



High-speed
E1 Ochito octaxial



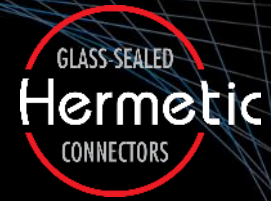
VersaLink
high-density
differential twinax



GMMD hybrid
high-speed, micro,
and RF connector



GLASS-SEAL AND ENCAPSULANT HERMETICS



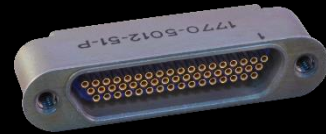
QPL and Glenair signature · heavy-duty and lightweight solutions



CODE RED
lightweight hermetics



Glass-to-metal
seal hermetics



Micro miniature
hermetics



High-speed and
fiber optic hermetics



EMI / EMP FILTER CONNECTORS

filter
connectors

EMI ceramic planar array filter connectors · EMP TVS diode solutions



In-stock fast-delivery
designs



EMI/RFI
filter savers and
feed-thrus



EMP transient voltage
supression



Custom-designed
unique package

Glencair

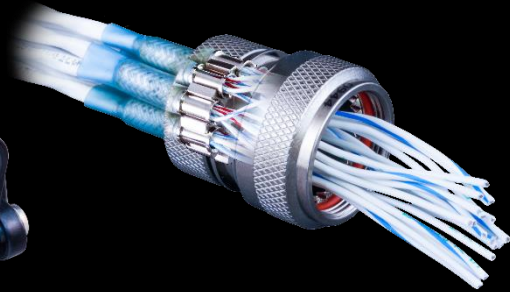
CONNECTOR BACKSHELLS AND ACCESSORIES

SWING-ARM[®]
ARTICULATING THREE-IN-ONE CLAMPS

Environmental sealing · wire management · strain relief · EMC shield termination



Swing-Arm
3-in-1 composite



StarShield
zero-length
shield termination



Leonardo's ProSeal
spring-action covers

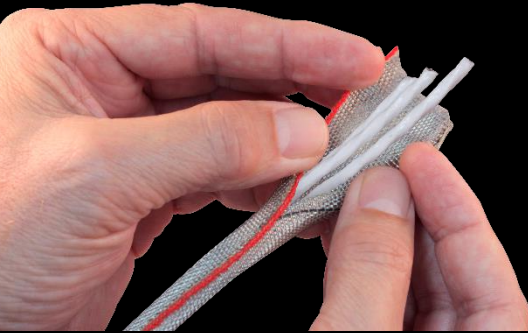


Space-grade
ESA rectangular
backshells

BRAIDED SHIELDING

ARMORLITE™

EMI screening · weight reduction · abrasion protection · spot repair



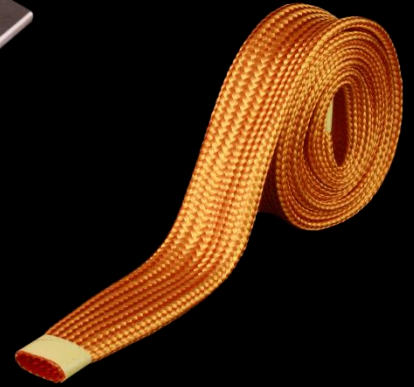
MasterWrap
wraparound shielding



ArmorLite CF
lightweight,
corrosion-resistant



Lightweight
lightning-strike
ground straps



Tubular fabric braiding
for abrasion protection



ENVIRONMENTAL SHRINK BOOTS AND HEAT-SHRINK TERMINATIONS

Abrasion protection · environmental sealing splicing · space-grade wire protection



Every shape and size required



All material types including space-grade



Piggyback boot adapters



AutoShrink cold-shrink boots and sleeving



METAL- AND POLYMER-CORE CONDUIT SYSTEMS

High-temperature · crush-resistant · EMI/RFI shielded · land, sea, and air



Turnkey
factory assemblies



Shielded polymer
and metal-core
systems



Navy-qualified
topside conduit
and fittings



Innovative
wire protection
conduit designs

INTERCONNECT ASSEMBLY TOOLS

Band-Master ATS®

Banding · grounding · crimping · mounting · termination · testing



Fiber optic
tools and kits



Band-Master ATS
advanced termination
system



Crimp tools
for all
Glenair contacts



Backshell-to-connector
holding tools

MISSION-CRITICAL
INTERCONNECT
SOLUTIONS



Glenair
SIGNATURE SERIES



Mission-Driven Interconnect Designs

For Ground, Sea, Air, and Space Applications