

Topside / Shipboard
CONNECTORS & CABLES

**TOP
SIDE**

SPLASH ZONE

Shipboard and Topside Interconnects and Cable Routing Technologies

NAVSEA and ship-industry qualified connector technologies—electrical and fiber optic—meeting all life-of-ship durability and corrosion-resistance requirements. Solutions include composite thermoplastic, marine bronze, and stainless steel interconnect wire system components for ruggedized salt spray and explosive zone applications.

Glenair offers by far the widest range of shipboard connector and wire protection solutions of any supplier in our industry. And we make all of our solutions in our US factories, from MIL-PRF-28876 fiber optic connectors to NAVSEA-qualified composite junction boxes.

Glenair's U.S. Navy qualified MIL-PRF-24758A conduit system is a perfect example of our commitment to meeting the needs of our Navy customers. Our shielded brass conduit meets all EMI shielding and surface transfer impedance requirements.

Available RadGrip rubber-covered arctic coupling nuts for improved user ergonomics in wet conditions

MARKET REQUIREMENTS

- Navy or controlling shipboard authority certifications
- Outstanding corrosion and UV weathering from both salt spray and stack gas
- Temperature tolerance, low smoke and toxicity index, flame resistance, and halogen free (IEC754-1) ratings
- IP68 environmental sealing / splash-zone submersion
- Resistance to vibration and shock including high impact shock per MIL-S-901
- Caustic chemical and fluid resistance per MIL-STD-810F
- Support for standard data bus and high-speed digital

ABOVE-DECK

Electrical and Fiber Optic Solutions

Connectors, cables, and assemblies for commercial oil & gas and navy shipboard applications



PROVEN TOPSIDE PERFORMANCE



Anti-galling / harsh winter weather marine bronze connectors



Topside-to-below-deck data cable / wire protection



Pier side fiber optic umbilical cable assemblies



Spark hazard mitigation in hazardous zone group IIC applications

TOPSIDE / SHIPBOARD CONNECTORS AND WIRE PROTECTION TECHNOLOGIES



MIL-DTL-28840 NAVSEA-qualified shipboard electrical connectors



Navy-qualified MIL-PRF 28876 fiber optic connectors and MIL-PRF-29504 termini



NAVSEA-qualified composite thermoplastic EMI/EMP junction boxes



ITS-Ex ATEX-qualified and approved explosive zone connectors



SeaCrow™ rugged Marine Bronze environmental connectors



Qualified M24758A flexible metal-core EMI/RFI conduit and fittings