

Glenair *BlueJacket* Product Line Overview
MIL-PRF-24758A(SH) Qualified
Flexible Waterproof Shielded Shipboard Conduit System



MIL-PRF
24758A



Product Features

- Qualified to MIL-PRF-24758A(SH)
- Brass Metal-Core Conduit with EMI Shielding and Durable Glenair *“BlueJacket”* Covering
- Innovative Stainless Steel Fittings with Advanced Environmental Sealing, EMI Shield Termination and Rotatable Coupling Nut
- Available Adapters for all Shipboard Interfaces
- Fully Compatible with Legacy MIL-C-24758 Conduit Systems and Adapters (Still Available from Glenair)
- Corrosion-Resistant 316L Stainless Steel Eliminates Maintenance Cycles and Reduces Assembly Time

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“Only Rigid Conduit and Conduit Systems that Meet the Performance Requirements of MIL-PRF-24758A are Approved for Topside Use...”

-U.S. DEPARTMENT OF THE NAVY

When we set out to design an innovative conduit system to meet the requirements of the new MIL-PRF-24758A specification, we had a simple goal in mind: create a conduit system which was easy to install, easy to maintain and tough enough to perform in even the harshest ocean environments. The results couldn't be better. Our new qualified MIL-PRF-24758A Conduit system with its *“BlueJacket”* weatherproof jacketing exceeds the performance specifications for improved waterproof sealing, improved corrosion protection, and improved electromagnetic shielding. In fact, we believe no other conduit system can match the quality and performance of our new *“Bluejacket”* system. The U.S. Navy has cast its vote: Glenair's MIL-PRF-24758A conduit systems are the first products approved by the Navy under the new specification for topside use in new ship construction, new installations, future repairs, overhauls and modernization. The reference message is COMNAVSEASYS COM 2713107 December 06.

Glenair's *“BlueJacket”* weatherproof conduit is halogen free, flame resistant, and functional to 260°C. *“BlueJacket”* far surpasses the accelerated solar weathering standards under IEC 60068-2-5. Glenair's *“BlueJacket”* tested to 56 accelerated days, equivalent to 53 years of solar exposure. Our new fittings and adapters are equally impressive. The nickel plated 316L stainless steel components are equipped with rotatable couplings to simplify field installation. The design also offers improved environmental sealing and improved metal-to-metal termination of EMI shielding.