

MIL-PRF-24758
Navy Shipboard Conduit Systems
and other special-purpose conduit systems

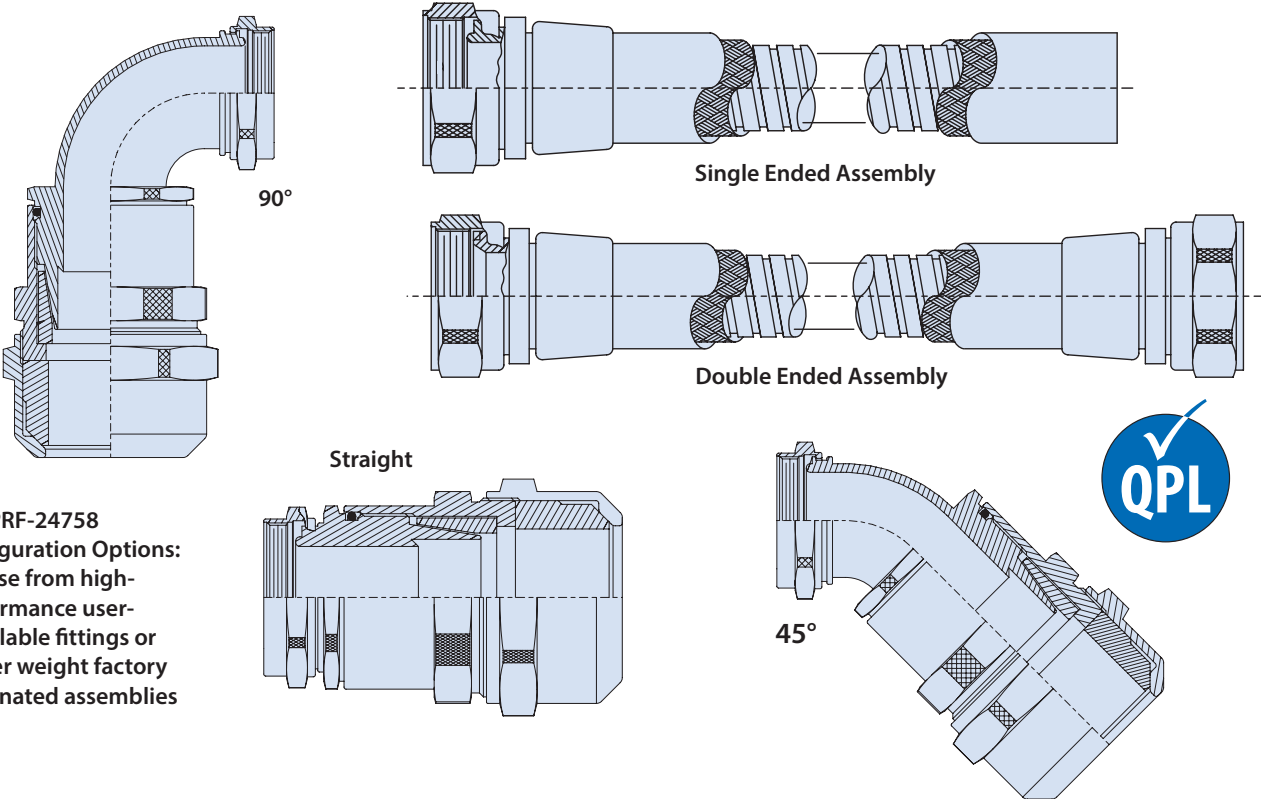


Special-Purpose Conduit Systems



- Qualified to MIL-PRF-24758A(SH)
- User-installable and factory terminated configurations
- Innovative stainless steel fittings with advanced environmental sealing, EMI shield termination and rotatable coupling nut
- Adapters for all shipboard interfaces—fully compatible with legacy MIL-C-24758 conduit system components

Do it once, do it right with Glenair MIL-PRF-24758 and other special purpose wire protection conduit systems



MIL-PRF-24758
Configuration Options:
Choose from high-
performance user-
installable fittings or
lighter weight factory
terminated assemblies

CONVOLUTED POLYMER-CORE TUBING WITH DRAIN HOLES



Reference Part No.
(Consult factory for additional
materials and configurations)

120 - 143

For aerospace applications where altitude changes can cause moisture condensation within conduit, Glenair produces convoluted polymer-core tubing with drain holes. All major aircraft OEM hole patterns are on file, contact the factory for details on specific configurations.

WIRE-REINFORCED CONVOLUTED POLYMER-CORE TUBING



Reference Part No.
(Consult factory for additional
materials and configurations)

127 - 009

Glenair has developed a unique configuration where helical polymer-core tubing is reinforced with a stainless steel wire, adding at least 200 lbs. crush strength while maintaining the lightweight, chemical-resistant and environmental protection properties of Polymer-Core tubing.

SLIT POLYMER-CORE TUBING



Reference Part No.
(Consult factory for additional
materials and configurations)

120 - 144

Any of Glenair's regular bulk helical or annular polymer-core tubings can be provided slit, for on-site installation or addition of wires in open wire loom applications.
Use the Wire Loom Tool for easy wire insertion: simply gather the wires into the tool, insert into the slit conduit, and run the tool through the tubing.

OVAL POLYMER-CORE ANNULAR TUBING



Reference Part No.
(Consult factory for additional
materials and configurations)

120 - 140 - 40

For specialized wire routing applications, Glenair can fabricate annular tubing with an oval shaped profile. In-house manufacturing allows us to design and fabricate non-standard shapes.

"NO-HAL" HALOGEN FREE FLEXIBLE HELICAL PEEK TUBING ASSEMBLY



Reference Part No.
(Consult factory for additional
materials and configurations)

127 - 130

The Glenair "No Hal" tubing assembly is designed for applications where RoHS compliance or other environmental standards mandate a halogen-free configuration. Halogen-free PEEK tubing (with optional stainless steel wire reinforcement for crush strength) is combined with Glenair halogen-free Duralectric™ jacketing material. Add an optional braided shield for EMI/RFI protection.

DUAL-CORE TUBING



In applications where helical convoluted tubing needs to perform in harsh chemical environments, and weight savings is a concern, dual-core conduit is the answer. Glenair Series 74 Polymer-Core tubing materials are chemical- and UV resistant, and protecting the outside of tubing with a second layer of polymer tubing can save weight over standard jacketing. Consult the factory for Polymer-Core and braided shield material options.