

Do-it-yourself conduit, conduit-to-connector backshells and other fittings allow users the flexibility to build prototype wire protection systems with ease and convenience. Do-it-yourself solutions are also employed when final cable/wire run lengths cannot be determined prior to installation; such is often the case in Navy ships, submarines, and communication shelter and bunker applications. Glenair offers a number of different do-it-yourself system technologies, each designed for particular performance requirements such as weight reduction, ease of assembly, durability, or to satisfy a particular military specification.

DO-IT-YOURSELF

BACKSHELLS, ADAPTERS AND TRANSITIONS

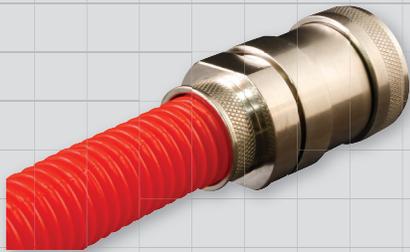
Repairable and expandable on-site

- A range of fitting types, all designed for convenient user installation
- Easy to assemble and repair
- Excellent choice for topside shipboard applications
- Best for prototype systems
- For interconnect systems that require periodic expansion or maintenance



SERIES 72 ANNULAR POLYMER CORE

Two fitting design types are available for user termination and assembly of Series 72 annular thermoplastic tubing systems

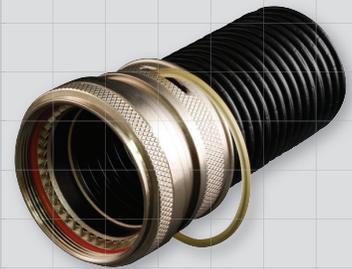


Robust, Easy-to-Assemble Sentry System

Sentry System fittings feature a Kynar® bushing and compression nut assembly design for robust, easy-to-assemble wire protection. Two fitting styles are available: one with an integral banding platform for applications where EMI termination is required, and a lightweight, compact design for weight- and space-saving environmental protection. See Section B, part numbers 710-840, 710-841, 710-842, 710-847, 710-848, and 710-849.

Easy-to-Install Guardian System

The Guardian System is Glenair's easy-to-install, economical general-purpose wire protection solution. The heart of the Guardian system is its unique retaining clip assembly system, offering high speed assembly without the need for special tools. Environmental O-Rings provide splash-proof environmental sealing, and all Guardian adapters feature shrink boot grooves for enhanced environmental sealing and strain relief. Guardian connector backshells are equipped with banding platforms for easy EMI shield termination. See Section B, part numbers 712-839, 712-852, 713-356, and 713-376.



SERIES 74 HELICAL POLYMER CORE

Five fitting design types are available for user termination and assembly of Series 74 convoluted thermoplastic tubing systems, including:



Hat Trick: Compact, Versatile “3-in-1” Design

Glenair’s unique and versatile “Hat Trick” conduit system fittings provide three key functions—conduit attachment, shield termination and boot attachment—in one easy-to-use compact fitting. These do-it-yourself fittings are equipped with a threaded inner shell, banding platform and shrink boot groove as well as a self-locking coupling nut. Helical Series 74 convoluted tubing threads directly into the shell cavity for easy attachment without restricting the conduit’s inner diameter. Available in composite plastic and aluminum versions. Banding is fast, easy and reliable with Glenair Band-Master™ ATS bands. Add a shrink boot for environmental sealing rated to IP66.

See Section C, part numbers 713-355, 713-359, 713-377, 713-378, 713-380, and 713-381



AeroLite: Weight Saving Composite with Braid Slot for Shield Termination

Developed for weight savings in airframe applications, the AeroLite system features lightweight and corrosion resistant composite fittings. Each fitting has a braid slot for convenient shield termination, plus a self-locking anti-decoupling feature. AeroLite is the best choice for EMI shielding, corrosion resistance, vibration protection and weight savings.

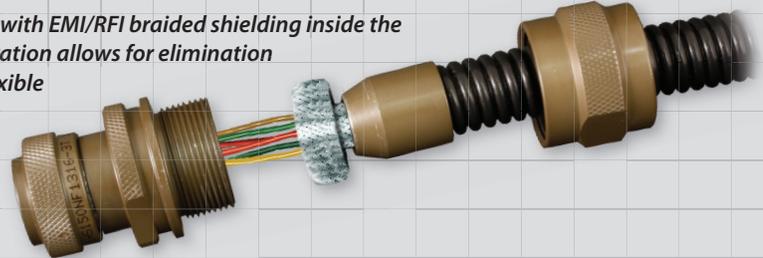
See Section C, part numbers 712-879, 712-880, 712-831, and 712-848



The Harsh-Environment Internal Braid Solution

These special-purpose, do-it-yourself fittings are fabricated with EMI/RFI braided shielding inside the chemical- and UV-resistant convoluted tubing. This configuration allows for elimination of outer jacketing materials, providing a lightweight and flexible conduit that resists fuels, oils, solvents, and other harsh chemicals. Use with epoxy adhesive lined elastomer shrink boots for environmental sealing. Internal braid fittings provide easy termination of single or double layers of shielding.

See Section C, part numbers 711-150, 711-149, and 711-148



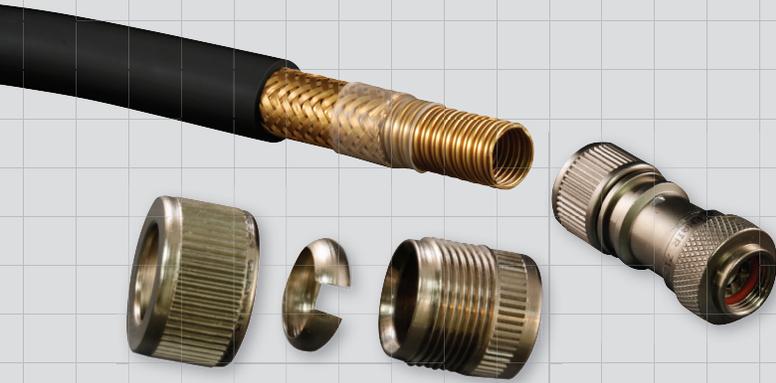
Heavy-Duty Environmental System

These bump seal equipped heavy duty EMI/RFI conduit backshells, fittings and adapters are ideally suited for conventional conduit wire protection applications such as aircraft undercarriage and wheel-well wire routing. These heavy duty user installable fittings are designed for use with shielded conduit and feature easy-to-assemble ground ring shield termination.

See Section C, part numbers 712-277, 712-389, 712-380, and 712-358

SERIES 75 FLEXIBLE METAL CORE

Four fitting design types are available for user termination and assembly of Series 75 metal-core conduit systems, including:



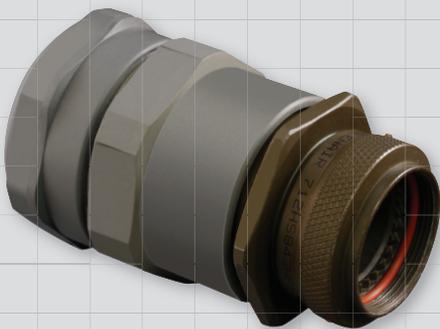
RP Plus: Lightweight, Compact, with Secure EMI Termination with Self-Locking Coupling Nut

Glenair's lightest, most compact fitting design for metal-core conduit is based on the Navy RP2000 fitting series and utilizes integrated split ring inserts for secure EMI shield termination, with or without jacketing on the conduit. RP Plus fittings mate with M24758 Mil-spec conduit, and can be ordered with optional shrink boots for environmental sealing when terminating conduit with an outer jacket. See Section D, part numbers 712-832, 712-849, 712-850, and 712-878

Heavy-Duty Environmental System: Metal

Glenair is a full-spectrum supplier of qualified MIL-PRF-24758 fittings. We bring the same rugged reliability and heavy duty performance to all of our MIL-PRF-24758 style commercial fittings. These topside, durable fittings feature individual termination of conduit, braiding and jacketing layers for maximum EMI performance and environmental sealing.

See Section D, part numbers 712-834, 712-835, 712-836, and 712-837



Heavy-Duty Environmental System: Composite

The same reliable, ruggedized performance of our M24758 QPL products in a unique hybrid configuration: Heavy-duty metal connectors with lightweight, corrosion resistant composite "Haze Gray" fittings provide a durable weight saving solution.

See Section D, part numbers 712-843, 712-845, 712-844, and 712-846