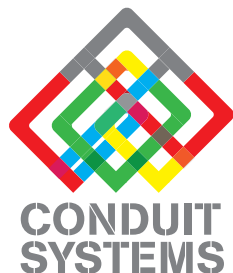


FO1001 Glenair ASAP Wired Polymer and Metal-Core F/O Conduit Assemblies



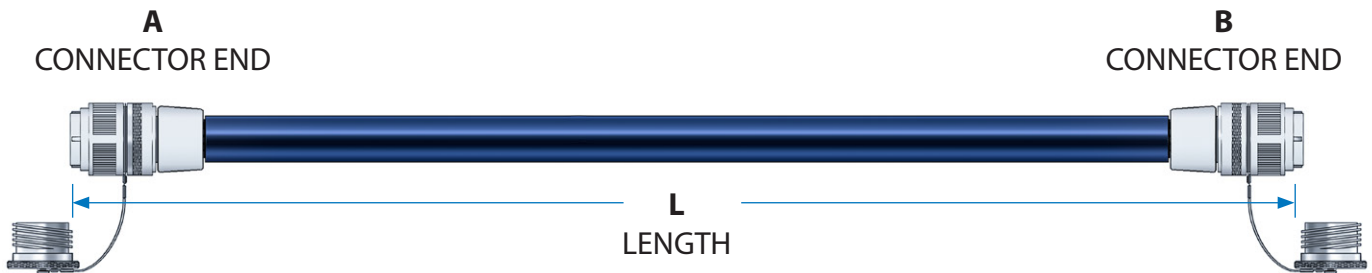
Flexible, Lightweight, Crush Resistant Conduit— The Ultimate Fiber Optic Wire Protection Assembly

Polymer and metal-core conduit are ideal materials for fiber optic wire protection in high flex applications, as they allow the fibers to move freely within the enclosure. Metal core is selected for highest crush resistance. PEEK is the lightweight, crush-resistant choice. Standard fluoropolymer materials are suitable for most general-duty applications. These turnkey wired assemblies are built with tight-tolerance MIL-DTL-38999 Series III type connectors, MIL-PRF-29504 qualified termini, Mil-Spec dust caps, and Glenair FiberCon conduit adapter backshells with fiber alignment grommet. Customer-specified marking and labeling and your exact choice of conduit materials and jacketing are supplied with the fastest and most reliable delivery in the industry.



- FEP (High-Temperature PTFE Fluoropolymer), PEEK (Halogen Free, Lightweight) and Metal-Core (EMI and Crush Proof) Versions
- Nine standard material packages
- Shielded and un-shielded designs
- Single and multimode fiber media
- D38999 Series III connectors in aluminum, composite or stainless steel
- Plug, jam-nut receptacle, in-line and wall-mount receptacle configurations
- MIL-PRF-29504 qualified termini
- Multichannel capability: from 2 to 37 channels

F01001 Glenair ASAP Wired Polymer and Metal-Core F/O Conduit Assemblies



| REFERENCE PART NUMBER DEVELOPMENT | |
|--|---|
| Sample Part Number | FO1001 P 06 P 06 J 04 -62 -100 G L |
| Basic Number | ASAP wired polymer and metal-core fiber optic conduit assemblies |
| A Terminus Type | P = Pin Terminus S = Socket Terminus |
| A Connector Type | 05 = D38999 Style In-Line Receptacle 06 = D38999/26 Style Plug 08 = D38999/24 Style Jam-Nut Receptacle H7 = D38999/20 Style Wall Mount Receptacle (Std.) S7 = D38999/20 Style Wall Mount Receptacle (Slotted) T7 = D38999/20 Style Wall Mount Receptacle (Tapped) |
| B Terminus Type | P = Pin Terminus S = Socket Terminus |
| B Connector Type | 05 = D38999 Style In-Line Receptacle 06 = D38999/26 Style Plug 08 = D38999/24 Style Jam-Nut Receptacle H7 = D38999/20 Style Wall Mount Receptacle (Std.) S7 = D38999/20 Style Wall Mount Receptacle (Slotted) T7 = D38999/20 Style Wall Mount Receptacle (Tapped) |
| D38999 Series III Connector Class | F = Aluminum, Electroless Nickel Plating J = Composite, Olive Drab Cadmium Plating K = Stainless Steel, Passivated M = Composite, Electroless Nickel Plating W = Aluminum, Olive Drab Cadmium Plating |
| Number of Fibers* | 02 = 2 Fibers (Shell Size 11) 16 = 16 Fibers (Shell Size 21) 04 = 4 Fibers (Shell Size 13) 21 = 21 Fibers (Shell Size 23) 05 = 5 Fibers (Shell Size 15) 29 = 29 Fibers (Shell Size 25) 08 = 8 Fibers (Shell Size 17) 37 = 37 Fiber (Shell Size 25) 11 = 11 Fibers (Shell Size 19) |
| Fiber Size | 09 = 9.3/125 Singlemode 10 = 100/140 Multimode 50 = 50/125 Multimode 20 = 200/230 Multimode 62 = 62.5/125 Multimode |
| Length in Feet | -100 |
| Conduit Materials | See Conduit Materials Packaging table |
| Protective Covers | L = Less Covers Omit = with Covers |

Part numbering is for reference purposes only. A unique Glenair part number will be assigned to your cable order.

NOTES

- See Material and Finish table for standard conduit materials packages. Please reference special marking, labels or other identification specifications on your purchase order

| CONDUIT MATERIALS PACKAGING | |
|-----------------------------|---|
| Code | Conduit Materials Package Description |
| A | FEP Fluoropolymer Convolute Tubing Only; Standard Wall Thickness, Standard Convolute |
| B | PEEK Convolute Tubing Only; Halogen Free, Light Weight |
| C | FEP Convolute Tubing with Black Dacron Outer Braided Covering |
| D | PEEK Convolute Tubing with Black Dacron Outer Braided Covering |
| E | FEP Convolute Tubing with Neoprene Jacket and Black Dacron Outer Braided Covering |
| F | PEEK Convolute Tubing, Neoprene Jacket and Black Dacron Outer Braided Covering |
| G | FEP Convolute Tubing, Tin Copper Shielding, Neoprene Jacket, Black Dacron Overbraid |
| H | PEEK Convolute Tubing, Tin Copper Shielding, Neoprene Jacket and Black Dacron Overbraid |
| J | Brass Metal-Core Conduit, Bronze Braid and Neoprene Jacket |