SuperNine® Fiber optics

Glenair.

D38999 Series III to ST, FC, SC, LC, and SMA FO1005 Inside-the-Box Pigtail Conduit Assembly
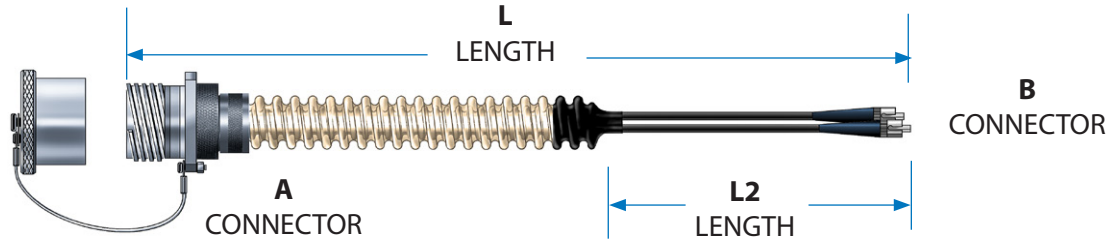

The Perfect Amount of Mechanical Protection for Fiber Media in Non-Environmental Applications

The use of a short length of conduit and a low-profile connector/conduit adapter is recommended in applications where a heat or abrasion source within the box may damage the fiber media. In most cases, analysis of the available space is critical to ensure the additional interconnect hardware does not interfere with the electronics package inside the box. The packaging of a pigtail assembly with a protective length of conduit is appropriate for all types of equipment—such as radar units, cameras, shipboard consoles, antennas and so on—in which the routing of the fiber cable within the equipment enclosure may expose the media to damage. This Glenair *ASAP* Fiber Optic Pigtail Assembly is well suited whenever the prevention of damage to the fiber media inside the box is a design requirement. The turnkey assembly includes fiber optic wiring, Glenair Conduit Adapter, High-Temperature Convoluted Tubing and Shrink Boot, MIL-DTL-38999 Style Connector, MIL-PRF-29504 Termini, Mil-Spec Dust-Caps and customer specified marking and labeling.

- **Jam-nut and wall mount D38999 Series III type fiber optic receptacle connectors in aluminum, composite or SST**
- **ST, FC, SC, LC, and SMA to D38999 Series III configurations**
- **High-temperature and halogen free protective convoluted tubing options**
- **Single and multimode fiber media**
- **Mil-standard dust caps**
- **MIL-PRF-29504 termini**
- **Customer-specified overall and break-out lengths available**

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SuperNine® MIL-DTL-38999 Type

HOW TO ORDER										
Sample Part Number		FO1005	P	-08	-1	W	02	62	6	12	L
Basic Number	ASAP fiber optic inside-the-box pigtail conduit assembly									
Terminus Type	**P** = Pin Terminus **S** = Socket Terminus									
A Connector Type	**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 Connector Type	**0** = ST M83522 Style **5** = SMA Connector (906 Type) **1** = ST Connector **6** = SMA Connector (905 Type) **2** = FC Connector **7** = LC Connector **3** = SC Connector **8** = LC Duplex **4** = SC Duplex **9** = Customer Specified									
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									
"L" Length in Feet	6 Inch Minimum									
"L2" Length in Inches	12									
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
- Please reference special marking, labels or other identification specifications on your purchase order.