



Glenair ASAP Fiber Optic Cable Sets Inside-the-Box Receptacle/Pigtail Assembly with Low-Profile Backshell and Conduit D38999 Series III to ST, FC, SC, LC & SMA

PRODUCT FEATURES

- Jam-Nut and Wall Mount D38999 Series III Style Fiber Optic Receptacle Connectors in Aluminum, Composite or Stainless Steel
- 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
- Military Standard Dust Caps
- MIL-PRF-29504 Approved Termini
- Multichannel Capability: From 2 to 37 Channels
- Custom Overall and Break-out Lengths Available

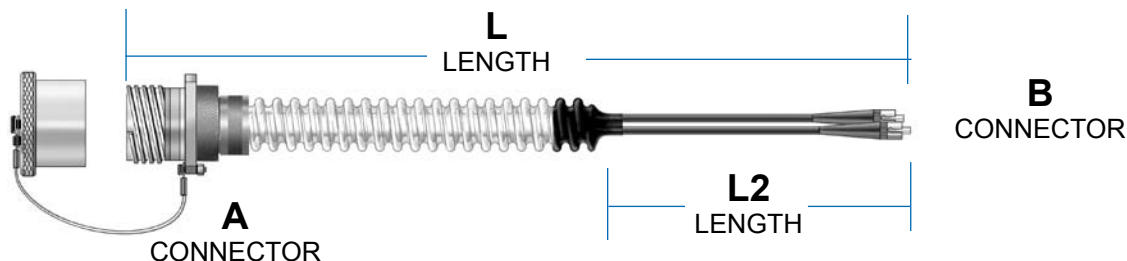


The Perfect Amount of Mechanical Protection for Fiber Media in Non-Environmental Applications

Protective Conduit

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 insure 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.

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Reference Part Number Development:

FO1005 P - 08 - 1 W 02 62 6 12 L

Basic part Number

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
1 = ST Connector
2 = FC Connector
3 = SC Connector
4 = SC Duplex
4 = SMA Connector (906 Type)
5 = SMA Connector (905 Type)
7 = LC Connector
8 = LC Duplex
9 = Customer Specified

Connector/Backshell 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

Protective Cover

L = Less Cover
Omit for with Cover

"L2" Length in Inches

"L" Length in Inches

Fiber Size

09 = 9.3/125 Singlemode
50 = 50/125 Multimode
62 = 62.5/125 Multimode
10 = 100/140 Multimode
20 = 200/230 Multimode

Number of Fibers*

02 = 2 Fibers (Shell Size 11)
04 = 4 Fibers (Shell Size 13)
05 = 5 Fibers (Shell Size 15)
08 = 8 Fibers (Shell Size 17)
11 = 11 Fibers (Shell Size 19)
16 = 16 Fibers (Shell Size 21)
21 = 21 Fibers (Shell Size 23)
29 = 29 Fibers (Shell Size 25)
37 = 37 Fiber (Shell Size 25)

Please Reference Special Marking, Labels Or Other Identification Specifications on Your Purchase Order. Unless Indicated, "B" Connector Identification Will Follow "A" Connector Pin Designations.

*See Page B-10 for Insert Arrangements

Part Numbering is for Reference Purposes Only. A Unique Glenair Part Number Will Be Assigned to Your Cable Order.