

**Glenair ASAP Fiber Optic Cable Sets  
Inside-the-Box Receptacle/Pigtail Assembly****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
- Single and Multimode Fiber Media
- Military Standard Dust Caps
- Mil-T-29504 Approved Termini
- Up to 29 Fibers
- Custom Lengths Available

## Glenair Terminated and Optically Tested Receptacle/ Pigtail Assemblies Are Ready When You Are

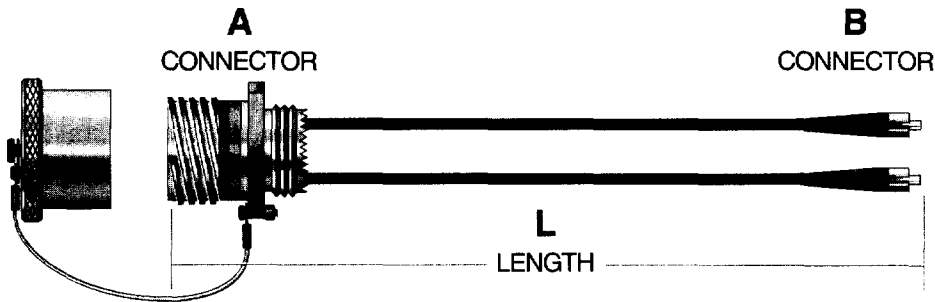
### *Inside-the-Box*

The packaging and layout of a fiber optic interconnect assembly can vary widely depending on the application environment. Fiber optics deployed in military avionics, for example, may take the form of a Mil-Spec receptacle and simplex pigtail connector assembly when fiber is used to interconnect the optical transmitter/receiver inside an equipment enclosure to the outside world. When fiber leads are used within equipment enclosures or other protected environments, the interconnect assembly generally looks something like the assembly featured here: A wall mount or jam nut mount receptacle connector ("A") with simplex fiber leads ("B"). The receptacle connector is used to penetrate the enclosure and mate to the external environmental plug connector. The simplex leads within the protected enclosure commonly route to the transceiver optical device, and are terminated to common commercial connectors such as ST, FC, SC, LC (or other) connectors at the "B" end. Glenair ASAP Receptacle/Pigtail Fiber Optic Assemblies are ideal for applications of this type, and are available with accelerated lead-times.

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Custom Cable Assemblies



**Receptacle/Pigtail Assembly Part Number Development**

FO1003 - 4 - 1 W 02 62 A 48 L

**Basic part Number**

**A Connector Type**

- 0 = D38999/20 Wall Mounted
- 4 = D38999/24 Jam-Nut Mtg Receptacle

**B Connector Type**

- 0 = ST M83522 Style
- 1 = ST Connector
- 2 = FC Connector
- 3 = SC Connector
- 4 = SC Duplex
- 5 = SMA Connector (906 Type)
- 6 = SMA Connector (905 Type)
- 7 = LC Connector
- 8 = LC Duplex
- 9 = Customer Specified

**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

**Protective Covers**

- L = Less Covers
- Omit for with Covers

**Length in Feet**

**Temperature Rating**

- A = -40°C to +85°C
- B = -55°C to +125°C

**Fiber Size**

- 09 = 9.3/125 Singlemode
- 50 = 50/125 Multimode
- 62 = 62.5/125 Multimode
- 10 = 100/140 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)

**Please Reference  
Special Marking,  
Labels Or Other  
Identification  
Specifications on  
Your Purchase  
Order**

\*See Page C-2 for Insert Arrangements