

**Glenair ASAP Fiber Optic Cable Sets  
Field Repairable Assembly  
with Special Strain-Relief Banding Backshell****PRODUCT FEATURES**

- Neoprene Jacketed Cable
- MIL-DTL-38999 Series III Connectors in Aluminum, Composite or Stainless Steel
- Glenair Banding Backshells with Flex-Nut Strain-Relief in Aluminum, Composite or Stainless Steel
- Plug, Jam-Nut Receptacle and Wall-Mount Receptacle Configurations
- Single and Multimode Fiber Media
- Simple, Fast Kevlar Strength-Member Termination
- Military Standard Dust Caps
- Mil-T-29504 Qualified Termini
- Up to 29 Fibers
- Custom Lengths Available
- 100% Tested

## The Ideal Solution for Combined Environmental Resistance, Field Repairability and Kevlar<sup>™</sup> Termination

### *Reinforced Cable/Backshell Assemblies*

Reinforced, extruded cable is an ideal packaging option for rugged application environments, and Glenair can extrude short-run fiber optic cable for most high-performance applications. But while the cable is the backbone of this packaging solution, Glenair's ruggedized backshell is the component which gives the assembly its real functionality. The backshell allows for the convenient termination of cable shielding and/or the Kevlar<sup>®</sup> strength member. Unlike other backshell designs, Glenair's assembly uses a simple, easy to use banding technology to terminate cable shielding and the Kevlar material used in fiber cable extrusions. The Glenair Band-It<sup>®</sup> technology is fully tested and proven to meet pull strength requirements and is the quickest and most reliable way to terminate these materials. The Glenair backshell also provides additional strain-relief and environmental protection of the cable to connector transition with its unique Flex-Nut style fitting. And unlike overmolded solutions, the reinforced extruded cable/backshell package allows maintenance technicians to open the cable for field service.

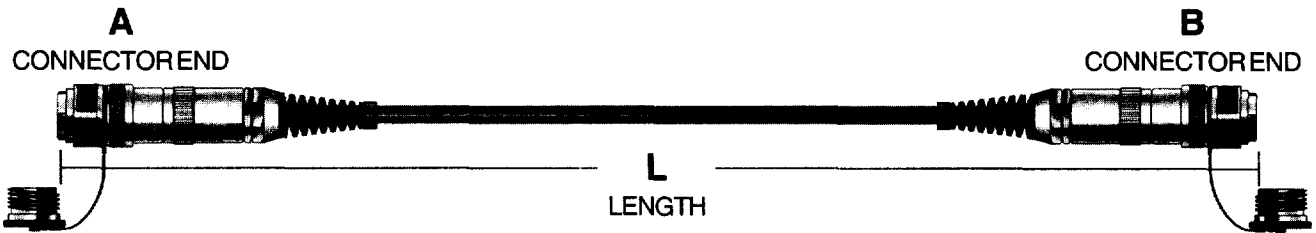
Backshells are selected for functionality (strain-relief, shield termination, and so on) and for material compatibility with the chosen connector. The turnkey assembly includes custom extruded cable, Glenair Backshell, MIL-DTL-38999 Style Connectors, MIL-T-29504 Termini, Mil-Spec Dust-Caps and customer specified marking and labeling.

\*See Section I For Band-It<sup>®</sup> Tooling Information

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Custom Cable  
Assemblies



## Backshell/Cable Assembly Part Number Development

**FO1002 P 16 P 16 J 04 - 62 - 100 L**

**Basic part Number**

**A Terminus Type**

- P = Pin Terminus
- S = Socket Terminus

**A Connector Type**

- 6 = D38999/26 Plug
- 4 = D38999/24 Jam-Nut Mtg Receptacle
- 0 = D38999/20 Wall Mtg Receptacle
- 16 = Glenair D38999/26 Style Plug
- 14 = Glenair D38999/24 Style Jam-Nut Receptacle
- 10 = Glenair D38999/20 Style Wall Mount Receptacle

**B Terminus Type**

- P = Pin Terminus
- S = Socket Terminus

**B Connector Type**

- 6 = D38999/26 Plug
- 4 = D38999/24 Jam-Nut Mtg Receptacle
- 0 = D38999/20 Wall Mtg Receptacle
- 16 = Glenair D38999/26 Style Plug
- 14 = Glenair D38999/24 Style Jam-Nut Receptacle
- 10 = Glenair D38999/20 Style Wall Mount Receptacle

**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 Covers**

- L = Less Covers
- Omit for with Covers

**Length in Feet**

**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