

## FO1002 Field-Repairable Fiber Optic Assembly with Bend Restrictor



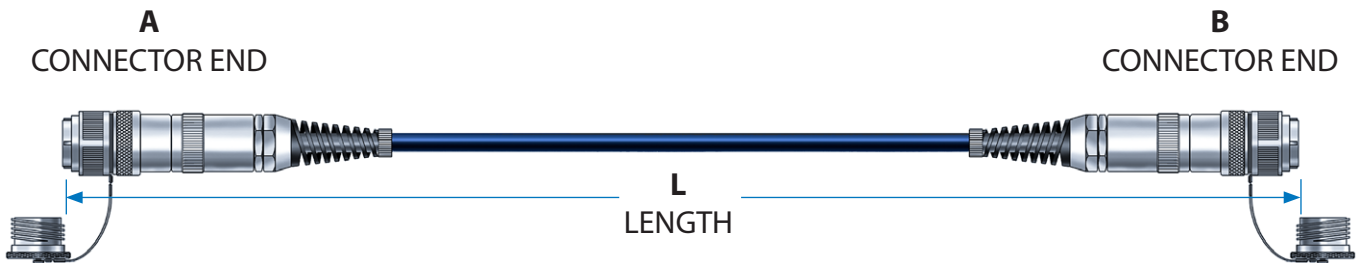
### The Ideal Solution for Combined Environmental Resistance, Field Repairability and Kevlar® Termination

Reinforced, extruded cable is an ideal packaging option for rugged application environments, and Glenair can extrude 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 outstanding functionality. The backshell allows for the convenient termination of cable shielding and/or the Kevlar® strength member. The Glenair assembly uses a simple, easy-to-use banding technology to terminate cable shielding and/or the Kevlar material used in fiber cable extrusions. The Glenair backshell also provides additional strain-relief and environmental protection of the cable-to-connector transition with its unique bend restrictor fitting. And unlike overmolded solutions, the reinforced extruded cable/backshell package for field maintenance of the fiber media.

The terminated, tested assembly includes Glenair FiberKing™ extruded cable, Glenair backshell, MIL-DTL-38999 style connectors, MIL-PRF-29504 termini, Mil-Spec dust-caps, and customer-specified marking and labeling.

- 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, in-line and wall-mount receptacle configurations
- Single and multimode fiber media
- Military standard dust caps
- MIL-PRF-29504 qualified termini
- Multichannel capability: from 2 to 37 channels

# F01002 Field-Repairable Fiber Optic Assembly with Bend Restrictor



HOW TO ORDER	
<b>Sample Part Number</b>	<b>F01002 P 06 P 06 J 04 -62 -100 L</b>
<b>Basic Number</b>	ASAP field-repairable fiber optic cable sets
<b>A Terminus Type</b>	<b>P</b> = Pin Terminus <b>S</b> = Socket Terminus
<b>A Connector Type</b>	<b>05</b> = D38999 Style In-Line Receptacle <b>06</b> = D38999/26 Style Plug <b>08</b> = D38999/24 Style Jam-Nut Receptacle <b>H7</b> = D38999/20 Style Wall Mount Receptacle (Std.) <b>S7</b> = D38999/20 Style Wall Mount Receptacle (Slotted) <b>T7</b> = D38999/20 Style Wall Mount Receptacle (Tapped)
<b>B Terminus Type</b>	<b>P</b> = Pin Terminus <b>S</b> = Socket Terminus
<b>B Connector Type</b>	<b>05</b> = D38999 Style In-Line Receptacle <b>06</b> = D38999/26 Style Plug <b>08</b> = D38999/24 Style Jam-Nut Receptacle <b>H7</b> = D38999/20 Style Wall Mount Receptacle (Std.) <b>S7</b> = D38999/20 Style Wall Mount Receptacle (Slotted) <b>T7</b> = D38999/20 Style Wall Mount Receptacle (Tapped)
<b>D38999 Series III Connector Class</b>	<b>F</b> = Aluminum, Electroless Nickel Plating <b>J</b> = Composite, Olive Drab Cadmium Plating <b>K</b> = Stainless Steel, Passivated <b>M</b> = Composite, Electroless Nickel Plating <b>W</b> = Aluminum, Olive Drab Cadmium Plating
<b>Number of Fibers</b>	<b>02</b> = 2 Fibers (Shell Size 11) <b>16</b> = 16 Fibers (Shell Size 21) <b>04</b> = 4 Fibers (Shell Size 13) <b>21</b> = 21 Fibers (Shell Size 23) <b>05</b> = 5 Fibers (Shell Size 15) <b>29</b> = 29 Fibers (Shell Size 25) <b>08</b> = 8 Fibers (Shell Size 17) <b>37</b> = 37 Fiber (Shell Size 25) <b>11</b> = 11 Fibers (Shell Size 19)
<b>Fiber Size</b>	<b>09</b> = 9.3/125 Singlemode <b>10</b> = 100/140 Multimode <b>50</b> = 50/125 Multimode <b>20</b> = 200/230 Multimode <b>62</b> = 62.5/125 Multimode
<b>Length in Feet</b>	<b>-100</b>
<b>Protective Covers</b>	<b>L</b> = Less Covers <b>Omit</b> = 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