

## FO1000 Glenair ASAP Overmolded Fiber Optic Cable Sets



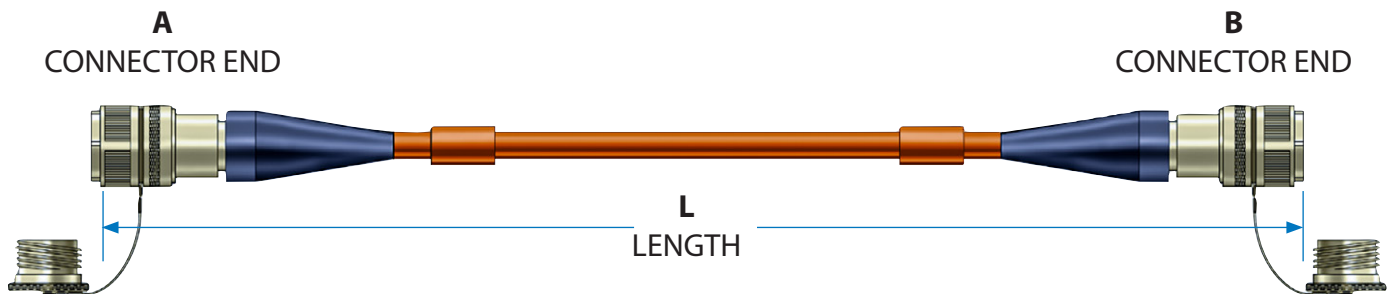
### The World's Only Short Lead-Time Source for Harsh Environment Overmolded F/O Cable Assemblies

Glenair's overmolded cable assemblies are specifically designed to protect fiber optic and hybrid fiber/copper cables from the effects of moisture, heat, caustic chemicals and mechanical stress conditions. Overmolding (as opposed to shrink boots or other sealing materials) brings added strength and environmental protection to critical interconnect systems. The overmolding process effectively isolates the transmission media from contaminating elements and protects the media from abrasion damage.

Glenair's ASAP Overmolded Fiber Optic Assemblies are available with our full line of composite thermoplastic and metal alloy connectors. Polyurethane is the applied standard overmolding. For other overmolding material types such as Viton® or Neoprene, please consult the factory. The turnkey 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. Please specify minor customizations on your purchase order.

- Flexible, crush-resistant harsh-environment polyurethane overmolding
- Singlemode or multimode fiber media
- Plug, jam-nut receptacle, in-line and wall-mount D38999 connector configurations
- Military standard dust caps and connector accessories
- MIL-PRF-29504 approved termini
- Multichannel capability: from 2 to 37 channels
- Custom lengths available

## FO1000 Glenair ASAP Overmolded Fiber Optic Cable Sets



SuperNine® MIL-DTL-38999 Type

REFERENCE PART NUMBER DEVELOPMENT:	
<b>Sample Part Number</b>	FO1000 P 05 P 06 J 04 -62 -100 L
<b>Basic Number</b>	ASAP overmolded fiber optic cable sets
<b>A Terminus Type</b>	P = Pin Terminus S = Socket Terminus
<b>A Connector Type</b>	05 = D38999 Style In-Line Receptacle 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>B Terminus Type</b>	P = Pin Terminus S = Socket Terminus
<b>B Connector Type</b>	05 = D38999 Style In-Line Receptacle 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>D38999 Series III Connector Class</b>	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
<b>Number of Fibers</b>	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)
<b>Fiber Size</b>	09 = 9.3/125 Singlemode 10 = 100/140 Multimode 50 = 50/125 Multimode 20 = 200/230 Multimode 62 = 62.5/125 Multimode
<b>Length in Feet</b>	-100
<b>Protective Covers</b>	L = Less Covers Omit = with Covers

Please consult factory for alternative overmolding materials such as Viton® or Neoprene.  
Part numbering is for reference purposes only. A unique Glenair part number will be assigned to your cable order.

**NOTES**

- Standard overmolded cable make-up:  
2mm jacketed fiber, polyurethane jacketing and overmolding, Kevlar reinforcement, nominal temperature range -40° to +85°c.  
Please reference special marking, labels or other identification specifications on your purchase order