



**Glenair ASAP Fiber Optic Cable Sets
Plastic and Metal-Core Conduit Assembly
D38999 Series III to D38999 Series III**

- PRODUCT FEATURES**
- **FEP (High-Temperature Teflon), PEEK (Halogen Free, Lightweight) and Metal-Core (EMI and Crush Proof) Versions**
 - **Nine Standard Material Packages**
 - **Shielded and Un-Shielded Designs**
 - **Single and Multimode Fiber Media**
 - **D38999 Series III Connectors in Aluminum, Composite or Stainless Steel**
 - **Plug, Jam-Nut Receptacle, In-Line and Wall-Mount Receptacle Configurations**
 - **Military Standard Dust Caps**
 - **MIL-PRF-29504 Qualified Termini**
 - **Multichannel Capability: From 2 to 37 Channels**



Flexible, Lightweight, Crush Resistant—Everything You've Always Wanted in a Fiber Optic Cable

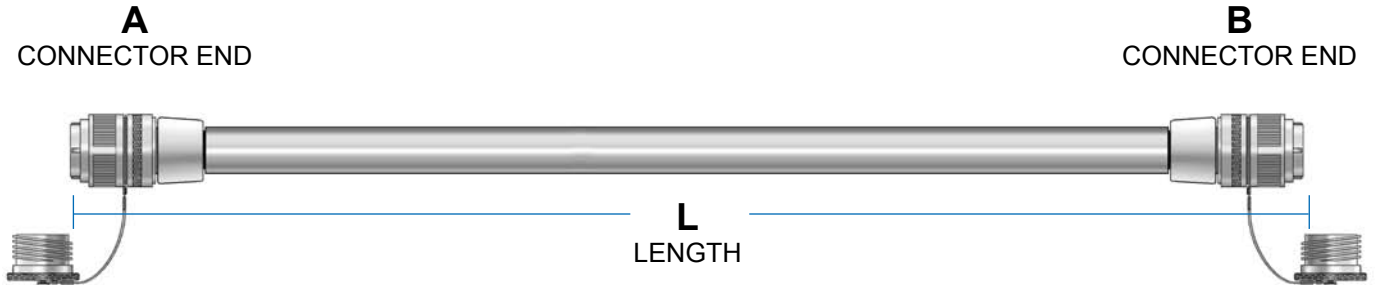
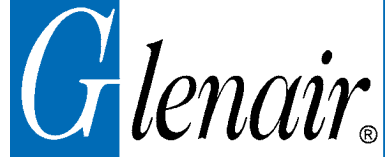
Standard Conduit Packaging

The turnkey assembly includes fiber optic wiring, MIL-DTL-38999 Style Connectors, MIL-PRF-29504 Termini, Mil-Spec Dust-Caps, Conduit Adapter, customer specified marking and labeling and your choice of conduit materials and jacketing, including the following configurations:

TABLE I: CONDUIT MATERIALS PACKAGING	
Symbol	Conduit Materials Package Description
A	FEP (Teflon®) Convuluted Tubing Only; Standard Wall Thickness, Standard Convulutes
B	PEEK Convuluted Tubing Only; Halogen Free, Light Weight
C	FEP Convuluted Tubing with Black Dacron Outer Braided Covering
D	PEEK Convuluted Tubing with Black Dacron Outer Braided Covering
E	FEP Convuluted Tubing with Neoprene Jacket and Black Dacron Outer Braided Covering
F	PEEK Convuluted Tubing with Neoprene Jacket and Black Dacron Outer Braided Covering
G	FEP Convuluted Tubing with Tin Copper Shielding, Neoprene Jacket and Black Dacron Outer Braided Covering
H	PEEK Convuluted Tubing with Tin Copper Shielding, Neoprene Jacket and Black Dacron Outer Braided Covering
J	Brass Metal-Core Conduit, Bronze Braid and Neoprene Jacket

Consult Factory for Other Available Material Types

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Reference Part Number Development:

FO1001 P 06 P 06 J 04 62 100 G L

Basic Part Number

A Terminus Type

- P = Pin Terminus
- S = Socket Terminus

A Connector Type

- 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 Terminus Type

- P = Pin Terminus
- S = Socket Terminus

B Connector Type

- 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)

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

Conduit Materials Package (Table I)

Length in Feet

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)

See Table I for Standard Conduit Materials Packages. Please Reference Special Marking, Labels Or Other Identification Specifications on Your Purchase Order

*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.