



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

D38999  
Series III

## ASAP fiber optic cable sets

B



### Product Features

- FEP (High-Temperature PTFE Fluoropolymer), 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

Code	Conduit Materials Package Description
A	FEP Fluoropolymer Convolute Tubing Only; Standard Wall Thickness, Standard Convolute
B	PEEK Convolute Tubing Only; Halogen Free, Light Weight
C	FEP Convolute Tubing with Black Dacron Outer Braided Covering
D	PEEK Convolute Tubing with Black Dacron Outer Braided Covering
E	FEP Convolute Tubing with Neoprene Jacket and Black Dacron Outer Braided Covering
F	PEEK Convolute Tubing with Neoprene Jacket and Black Dacron Outer Braided Covering
G	FEP Convolute Tubing with Tin Copper Shielding, Neoprene Jacket and Black Dacron Outer Braided Covering
H	PEEK Convolute Tubing with Tin Copper Shielding, Neoprene Jacket and Black Dacron Outer Braided Covering
J	Brass Metal-Core Conduit, Bronze Braid and Neoprene Jacket

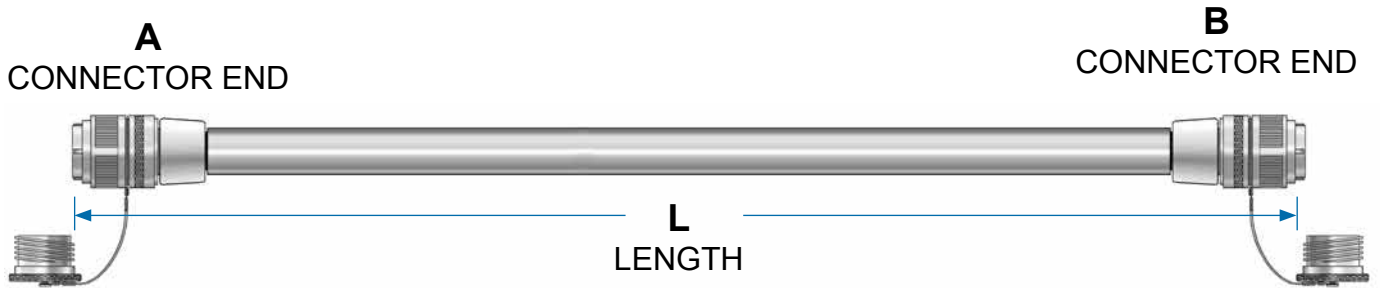
Consult Factory for Other Available Material Types

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



MIL-DTL-38999  
 Series III Type

**ASAP fiber optic cable sets**



**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)

**D38999 Series III 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-12 for Insert Arrangements.

Part Numbering is for Reference Purposes Only. A Unique Glenair Part Number Will Be Assigned to Your Cable Order.