

# FRONT-RELEASE GFR Fiber Optic Connection System

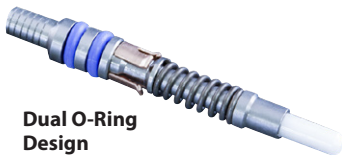


## 181-012 Pin Terminus, Size 16 181-051 Dummy Terminus, Size 16

GFR FRONT-RELEASE SYSTEM



Single O-Ring Design  
(Standard)



Dual O-Ring  
Design

### MATERIAL AND FINISH

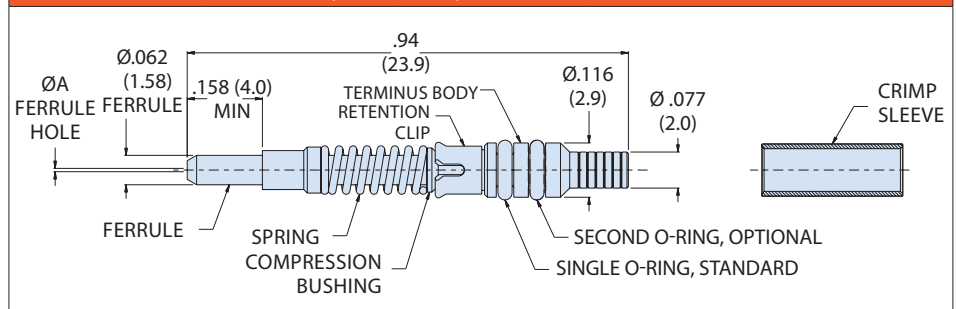
- Ferrule: Zirconia Ceramic
- Body: Stainless Steel/Passivate
- Spring: Stainless Steel/Passivate
- Bushing: Stainless Steel/Passivate
- Retention Clip: BeCu Alloy
- O-Ring(s): Fluorosilicone
- Crimp Sleeve: Brass Alloy/Nickel

### NOTES

- Crimp sleeve supplied with assembly. Spares may be ordered separately (See Tools and Accessories Table).
- See Glenair GAP-031 and GAP-031B for termination and assembly tools/procedures.

HOW TO ORDER			
Sample Part Number	181-012	-126	D
Basic Number	Size 16 Glenair front release (GFR) fiber optic pin terminus		
Dash Number	See Assembly Dash Number table		
Second O-Ring, Optional	D = second O-ring Omit for single O-ring (standard)		

### DIMENSIONS, FIBER SPECS, AND ASSEMBLY DASH NUMBER



Assembly Dash Number	Ø A (Micron)	Typ. Fiber Type	Fiber Size Core/Cladding/Coating (Microns)
-125	125.5	Single Mode	9/125
-126S	126.0	Single Mode	9/125
-126	126.0	Multi Mode	50/125, 62.5/125
-142	142.0	Multi Mode	100/140
-156	156.0	Multi Mode	62.5/125/155 (Polyimide)
-173	173.0	Multi Mode	100/140/172 (Polyimide)
-175	175.0	Multi Mode	100/140/172 (Polyimide)
-231	231.0	Multi Mode	200/225
-236	236.0	Multi Mode	200/230
-286	286.0	Multi Mode	200/280
-448	448.0	Multi Mode	400/440

Consult factory for additional sizes

### TOOLS AND ACCESSORIES

Part Number	Description
265-002	Crimp Sleeve, Ø 2.2mm Max Jacket
182-005P	Polishing Tool
182-012	Crimp Tool
182-013	Insertion Tool, Straight*
182-014	Insertion Tool, 90 Degree*
182-015	Removal Tool*

\*Also applies to 181-051 dummy terminus



### DUMMY TERMINUS FOR GFR PART NUMBER

Dummy Terminus, Size 16	181-051
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