



# 181-012 Glenair Front Release (GFR) Fiber Optic Pin Terminus, Size 16

## Size 16 Glenair front release (GFR) fiber optic pin terminus

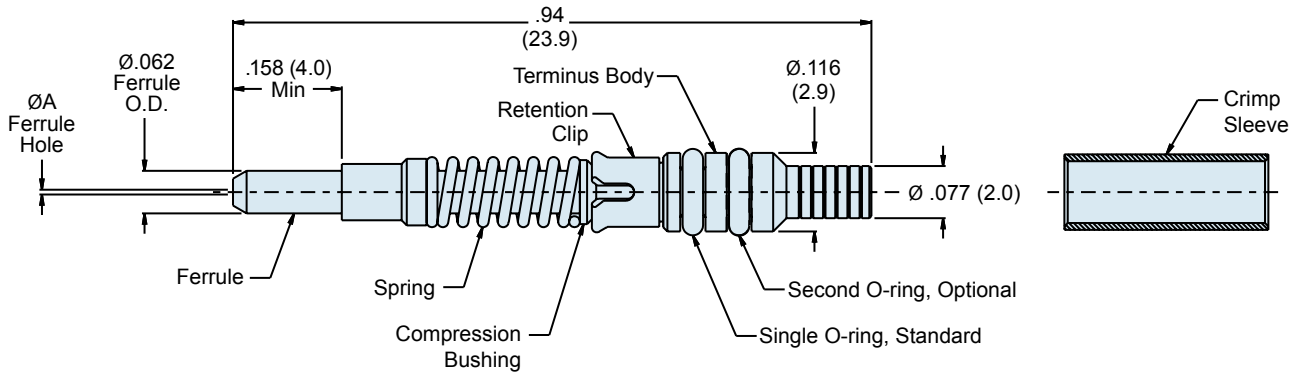
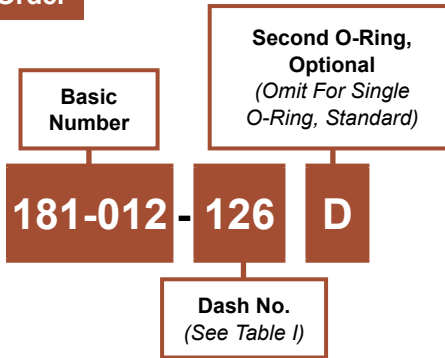


Single O-Ring Design (Standard)



Dual O-Ring Design

### How To Order



### Material and Finish

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

### Notes

Crimp sleeve supplied with assembly. Spares may be ordered separately (see Table II).  
 See Glenair GAP-031 and GAP-031B for termination and assembly tools/procedures.  
 See Glenair drawing 181-011 for mating socket terminus, and 181-051 for dummy terminus

**181-012**  
**Glenair Front Release (GFR)**  
**Fiber Optic Pin Terminus, Size 16**



Glenair Front  
Release System

**Table I: Assembly Dash Number**

Assembly Dash Number	Ø A (Micron)	Typ. Fiber Type	Fiber Size Core/Cladding/Coating (Microns)
<b>181-012-125</b>	125.5	Single Mode	9/125
<b>181-012-126S</b>	126.0	Single Mode	9/125
<b>181-012-126</b>	126.0	Multi Mode	50/125, 62.5/125
<b>181-012-142</b>	142.0	Multi Mode	100/140
<b>181-012-156</b>	156.0	Multi Mode	62.5/125/155 (Polyimide)
<b>181-012-173</b>	173.0	Multi Mode	100/140/172 (Polyimide)
<b>181-012-175</b>	175.0	Multi Mode	100/140/172 (Polyimide)
<b>181-012-231</b>	231.0	Multi Mode	200/225
<b>181-012-236</b>	236.0	Multi Mode	200/230
<b>181-012-286</b>	286.0	Multi Mode	200/280
<b>181-012-448</b>	448.0	Multi Mode	400/440

Consult factory for additional sizes

**Table II: Tools and Accessories**

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

