



181-040

M29504/15

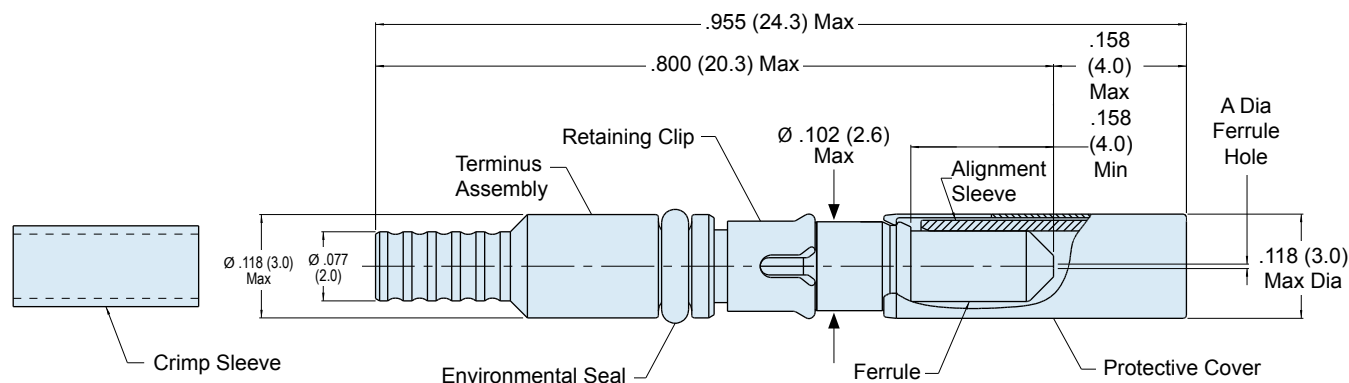
**Size 16 Fiber Optic Socket Terminus
For MIL-PRF-28876 Connectors**

M28876

Size 16 M29504/15 Fiber Optic Socket Terminus for MIL-PRF-28876 Connectors



The use of fiber optics in shipboard and ship-to-shore data transmissions is growing rapidly, and the tight-tolerance MIL-PRF-28876 interconnect has become the universal standard for Navy shipboard applications. Glenair's qualified offering—including QPL'd MIL-PRF-29504/14 and /15 contacts—delivers all the necessary performance from precise optical alignment, to environmental protection, corrosion resistance and weight reduction. The Glenair MIL-PRF-28876 terminus is specifically geared for upgrade and retrofit applications where extending system life-cycles and reducing cost of ownership are principle requirements.



Material and Finish

Alignment Sleeve, Ferrule: Zirconia Ceramic
 Protective cover: Spring Alloy / Nickel
 Terminus Assembly: Stainless Steel / Passivate
 Retaining Clip: Spring Alloy
 Seal: Fluorosilicone
 Crimp Sleeve: Brass Alloy / Nickel

Tools and Accessories/Assembly Notes

Dummy Terminus: Part Number 181-051
 Crimp sleeve is supplied with terminus assembly and may be ordered separately (see Table II). For terminus less crimp sleeve omit **C** from end of part number.
 Alignment sleeve assembly is supplied with terminus assembly (packaged loose) and may be ordered separately (see Table II).
 See Glenair GAP-036 for termination procedure and assembly tools.

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Part Number	ØA (Microns)	Fiber Type	Fiber Size Core/Cladding (Microns)	Mil-Spec Part Number (Reference)
181-040-1250C	125.0	Single Mode	9/125	M29504/15-4180C
181-040-1255C	125.5	Single Mode	9/125	N/A
181-040-1260C	126.0	Single Mode	9/125	M29504/15-4181C
		Multi Mode	50/125, 62.5/125	M29504/15-4171C
181-040-1270C	127.0	Multi Mode	50/125, 62.5/125	M29504/15-4172C
181-040-1420C	142.0	Multi Mode	100/140	M29504/15-4175C
Consult factory for additional sizes				

Accessories	
Part Number	Terminus Accessory
265-010	Alignment Sleeve Assembly
265-008	Crimp Sleeve Ø2.4mm Max Jacket (Mil-Spec type)