

MIL-PRF-28876 Qualified Fiber Optics  
 181-054 / M29504/14 short size 16 front release pin terminus

NAVSEA / Underwater Fiber Optics

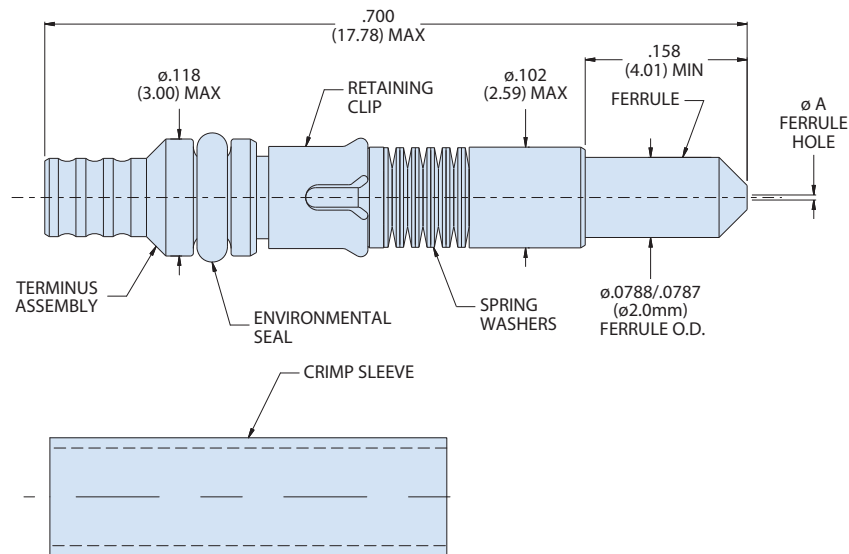
ASSEMBLY DASH NUMBER				
Mil-Spec Part Number	ØA (Microns)	Fiber Type	Fiber Size Core/Cladding (Microns)	Commercial Part Number
<b>M29504/14-4160C</b>	125.0	Singlemode	9/125	<b>181-054-1250C</b>
<b>N/A</b>	125.5	Singlemode	9/125	<b>181-054-1255C</b>
<b>M29504/14-4161C</b>	126.0	Singlemode	9/125	<b>181-054-1260C</b>
<b>M29504/14-4151C</b>		Multimode	50/125, 62.5/125	<b>181-054-1260C</b>
<b>M29504/14-4152C</b>	127.0	Multimode	50/125, 62.5/125	<b>181-054-1270C</b>
<b>M29504/14-4155C</b>	142.0	Multimode	100/140	<b>181-054-1420C</b>

**MATERIAL AND FINISH**

- Ferrule: Zirconia Ceramic
- Terminus Assembly: Stainless Steel/ Passivate
- Retaining Clip, Spring Washers: BeCu Alloy
- Seal: Fluorosilicone
- Crimp Sleeve: Brass Alloy/Nickel

**NOTES**

- Crimp sleeve is supplied with terminus and may be ordered separately (see table). For terminus less crimp sleeve, omit **C** from end of part number.
- Pin terminus is designed to meet the general requirements of MIL-PRF-29504/14 (short terminus), and is for use with Glenair 180-040 MIL-PRF-28876 style connectors. See 181-040 (long terminus) and 181-055 (short terminus) for mating socket termini.
- See Glenair GAP-046 for termination procedure and assembly tools.



**TOOLS AND ACCESSORIES**

Part Number	Description
<b>265-008</b>	Crimp Sleeve Ø2.4mm Max Jacket (Mil-Spec Type)
<b>182-012</b>	Crimp Tool
<b>182-013</b>	Insertion Tool, Straight
<b>182-014</b>	Insertion Tool, 90°
<b>182-015</b>	Removal Tool
<b>182-035</b>	Hand Polishing Tool