

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

NAVSEA / Underwater Fiber Optics

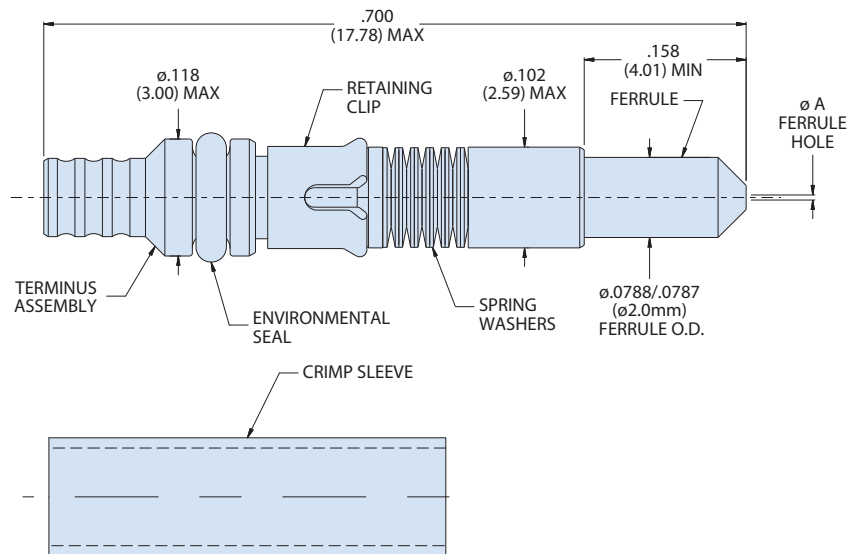
ASSEMBLY DASH NUMBER				
Mil-Spec Part Number	ØA (Microns)	Fiber Type	Fiber Size Core/Cladding (Microns)	Commercial Part Number
M29504/14-4160C	125.0	Singlemode	9/125	181-054-1250C
N/A	125.5	Singlemode	9/125	181-054-1255C
M29504/14-4161C	126.0	Singlemode	9/125	181-054-1260C
M29504/14-4151C		Multimode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

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