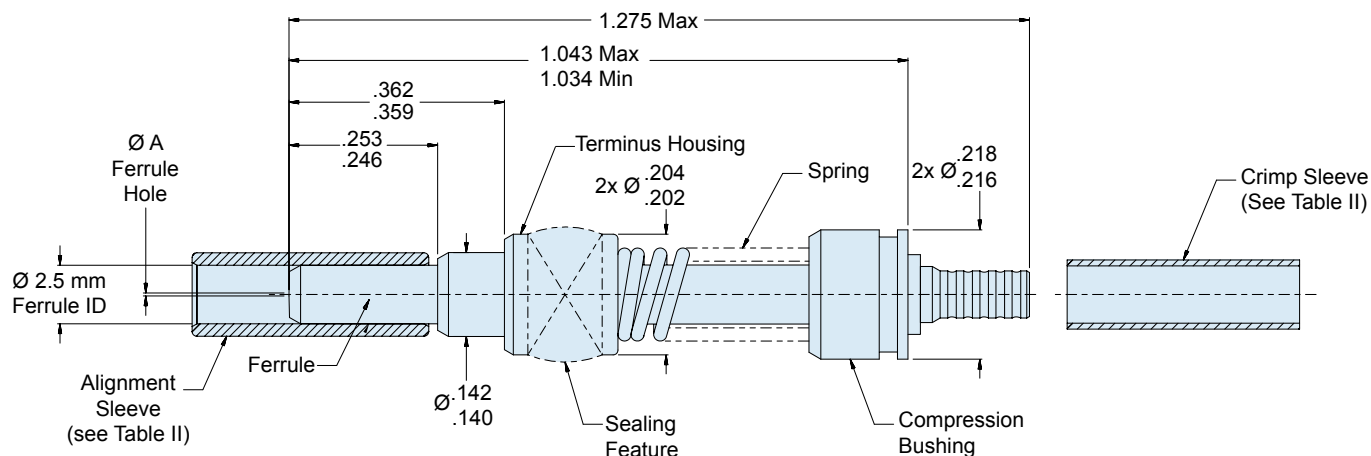


M29504/16 Type Genderless GFOCA Fiber Optic Terminus



Most commonly used by the army for long-run battlefield communications, the GFOCA Connection System is also well suited to dockside naval communications, down-hole drilling and other harsh environment applications. The hermaphroditic system utilizes low insertion loss butt-joint termini and a ruggedized coupling mechanism for reliable, repeatable mating. The genderless mating system is rated to 1000-2000 cycles depending on fiber media selection.



Material and Finish

Ferrule: Ceramic
 Terminus Housing: Stainless Steel/Passivate
 Spring: Stainless Steel/Passivate
 Compression Bushing: Stainless Steel/Passivate
 Crimp Sleeve: Brass Alloy/Nickel
 Seal(s): Elastomeric Rubber

Specifications

Terminus is designed to meet the general requirements of MIL-PRF-29504/16
 Terminus is intended for use with the following connectors:
 180-116: Plug, Hermaphroditic
 180-117: Recp, Jam Nut Mount
 180-125: Recp, Flange Mount

Tools and Accessories/Assembly Notes

Alignment Sleeve (not supplied with Terminus) may be ordered separately (see table II)
 Crimp sleeve is supplied with terminus assembly, and may be ordered separately. For terminus less crimp sleeve, omit **C** from end of part number (e.g. **181-050-1260**)

181-050
M29504/16 Type
Genderless GFOCA Fiber Optic Terminus



Fiber Optic

Part Number	ØA (Microns)	Fiber Type (Typical)
181-050-1250C	125.0	Single Mode
181-050-1255C	125.5	Single Mode
181-050-1260C	126.0	Single Mode AND Multi Mode
181-050-1270C	127.0	Multi Mode
181-050-1420C	142.0	Multi Mode
181-050-2300C	230.0	Multi Mode

Accessories	
Part Number	Terminus Accessory
181-050-S	Split Ceramic Alignment Sleeve
265-008	Crimp Sleeve, Ø2.4mm Max Cable Jacket

C