

181-001 • M29504/05 Style 1 fiber optic socket terminus, size 16

SuperNine® MIL-DTL-38999 Type



Single or multi mode. Ceramic ferrule. 0.3 dB loss. Style 1 Size 16 fiber optic socket termini are IAW MIL-PRF-29504/5 and are compatible for use with MIL-DTL-38999 Series III size 16 contact arrangements. These snap-in, spring-loaded, butt-joint, rear-release termini feature precision ceramic ferrules for accurate fiber alignment. Typical insertion loss 0.3 dB. Fits 9/125 single mode and 50/125 and 62.5/125 multi mode, and other fiber sizes. Popular sizes in-stock for immediate, same-day shipment.

- MATERIAL AND FINISH**
- Ferrule: Zirconia ceramic
 - Alignment Sleeve: Zirconia ceramic (standard) or stainless steel/passivate.
 - Terminus Assembly: Stainless steel/passivate
 - Spacer, Spring, and Cover: Stainless steel/passivate
 - Shrink Tube: Kynar
- NOTES**
- Alignment Sleeve and Protective Cover can also be ordered separately (See Accessories table).
 - See assembly procedure GAP-015 for complete termination instructions.
 - Recommended Insertion/Extraction tool: P/N M81969/14-03 or equivalent

PART NUMBER	FIBER SIZE CORE/CLADDING/COATING (MICRONS)	Ø A (MICRONS)	REF. M29504/05-XXXX
181-001-125	9/125 (Singlemode)	125.5	M29504/05-4237
181-001-126S	9/125 (Singlemode)	126.0	M29504/05-4238
181-001-126	50/125 & 62.5/125	126.0	M29504/05-4239
181-001-127	50/125 & 62.5/125	127.0	M29504/05-4046
181-001-142	100/140	142.0	M29504/05-4049
181-001-144	100/140	144.0	N/A
181-001-145	100/140	145.0	M29504/05-4050
181-001-156	62.5/125/155 (Polyimide)	156.0	M29504/05-4240
181-001-157	62.5/125/155 (Polyimide)	157.0	M29504/05-4241
181-001-173	100/140/172 (Polyimide)	173.0	M29504/05-4088
181-001-175	100/140/172 (Polyimide)	175.0	M29504/05-4242
181-001-231	200/230	231.0	N/A
181-001-236	200/230	236.0	N/A
181-001-286	200/280	286.0	N/A
181-001-448	400/440	448.0	N/A
181-001-533	486/500	533.0	N/A

Consult factory for additional sizes and QPL status.

ACCESSORIES	
Part Number	Description
181-001-S	Ceramic Alignment Sleeve (Standard)
181-001-K	Stainless Steel Alignment Sleeve
181-001-C	Protective cover

