SERIES 183-001

SuperNine MT Fiber Optic Connectors

How to order Cable Plugs

How To Order							
Sample Part Number	**183-001**	**ME**	**G6**	**-17**	**-4**	**S**	**N**
Basic Part Number	MT Ferrule Fiber Optic Connector						
Material/Finish Code	See Table I						
Connector Style	**G6** = Plug with EMI/RFI ground spring						
Shell Size	**11**, **13**, **15**, **17**						
Insert Arrangement	See Figure 1						
Insert Designator	**S** = Socket insert (plug only)						
Alternate Key Position	**A**, **B**, **C**, **D**, **E**, **N** = Normal (per MIL-DTL-38999)						

Table I - Material and Finish

Code	Material	Finish Description
ME	Aluminum Alloy	Electroless Nickel
MT		Nickel-PTFE, Grey
NF		Cadmium, Olive Drab
ZR		Zinc-Nickel, Black
XM	Composite	Electroless Nickel
XW		Cadmium, Olive Drab
Z1	Stainless Steel	Passivate
ZL		Electro-Deposited Nickel

Figure 1 - SuperNine MT Insert Arrangements (plug face shown)

Shell Size 11 Insert Arrangement -1 Up to 24 fibers (1 MT)	Shell Size 13 Insert Arrangement -2 Up to 48 fibers (2 MT)	Shell Size 15 Insert Arrangement -3 Up to 72 fibers (3 MT)	Shell Size 17 Insert Arrangement -4 Up to 96 fibers (4 MT)

NOTES

Material/Finish

- Coupling nut for composite plug = high-grade rigid dielectric, unplated
- Insulators = high-grade rigid dielectric
- Seals = fluorosilicone
- EMI/RFI ground spring (plug only) = Copper alloy, nickel plated

Connectors are identified with Glenair name, CAGE code, part number and date code

Assembly requires Glenair MT38999 assembly tool, 182-062

SuperNine MT Fiber Optic Connectors

Cable plug dimensions

G6 - PLUG

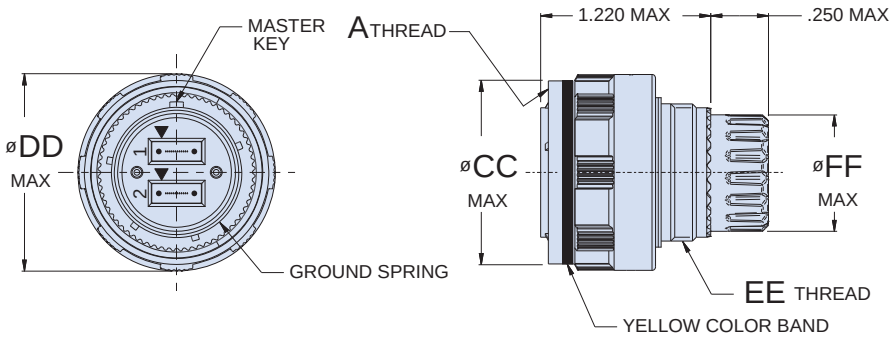
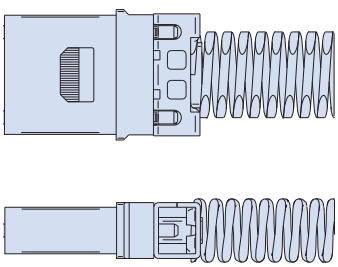


Table II - Plug Dimensions								
Shell Size Code	Shell Size	ØCC Max		ØDD Max		EE Thread	ØFF Max	
		In	mm	In	mm		In	mm
B	11	.929	23.60	.984	24.99	M15 X 1.0-6g 0.100R	.392	9.96
C	13	1.110	28.19	1.157	29.39	M18 X 1.0-6g 0.100R	.488	12.40
D	15	1.232	31.29	1.280	32.51	M22 X 1.0-6g 0.100R	.606	15.39
E	17	1.358	34.49	1.406	35.71	M25 X 1.0-6g 0.100R	.724	18.39

MT FERRULE KIT



How To Order MT Ferrules				
Sample Part Number	**181-108**	**-1253**	**-12**	**S**
Basic Part Number	MT Ferrule kit			
Fiber type	**-1253** = Singlemode **-126** = Multimode			
Number of Fibers	**-12** (12 fibers, available in singlemode and multimode) **-24** (24 fibers, available in multimode only)			
Ferrule Style	**S** = Female (Plug Only)			

Material/Finish

- Ferrule: Polyphenylene Sulfide Resin
- Spacer, Female: High-grade engineering plastic
- Spring: Stainless Steel
- Boot: TPE