

Amphenol Aerospace Operations

Fiber Optic Products

Cylindrical MT Series



Amphenol D38999 connectors can be supplied with inserts that accommodate MT optical ferrules. This combination offers a high fiber density in a relatively small cylindrical connector package with all the advantages of the MIL-DTL-38999 Series III proven connector.

- Three levels of alignment provide for precision fiber to fiber interface
 - Shell to shell with keying to allow for alternate positions
 - Insert plug to insert receptacle
 - MT contact guide pins
- High density
 - Up to 24 fiber channels in a size 11 composite shell
 - Up to 96 fiber channels in a size 21 composite shell
- Shells can be provided with either socket or plug inserts
- MT ferrules are available in either multimode or singlemode
 - Fiber spacing is 0.25mm
- MT contact removal tool Amphenol part number CF-008025-000
- See US Conec web site for performance characteristics of the MT ferrules

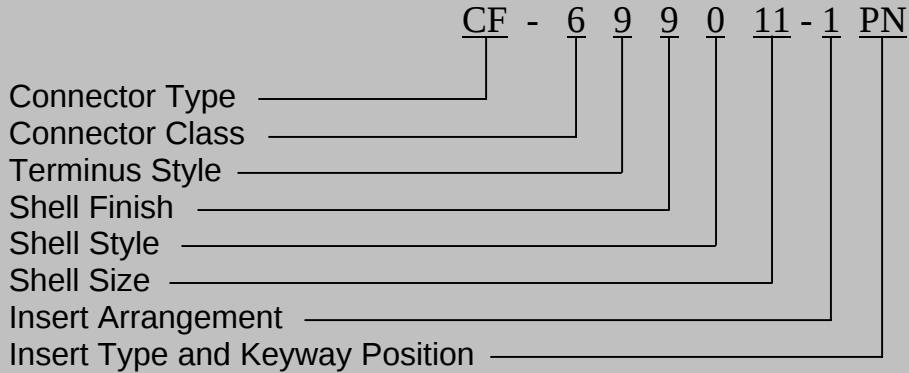
Amphenol

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Connector Ordering Information



Connector Type

CF-designates fiber optic connector

Connector Class

5 designates aluminum

6 designates composite

8 designates stainless steel

Terminus Style

9 designates MT terminus

Shell Finish

4 designates electroless nickel

5 designates unplated composite

6 designates stainless steel

9 designates O.D. cadmium

Shell Style

0 designates wall mount receptacle

1 designates in-line receptacle

6 designates straight plug

7 designates jam nut receptacle

Shell Size

shell size 11 – single cavity

shell size 21 – four cavity

Insert Arrangement

1 designates single cavity

4 designates four cavity

Insert Type and Keyway Position

P designates plug insert

S designates socket insert

for keyway positioning, choose the alternate rotation suffix from the chart below.

Alternate Position	Suffix Letter	
	Pins	Sockets
Normal	P	S
A	G	H
B	I	J
C	K	L
D	M	N
E	R	T

MT Assembly Kits & Tools

CF-198136-000 – MT Male Assembly Kit*

CF-198137-000 – MT Female Assembly Kit*

11-100000-000 - MT Assembly Kit Tool

CF-008025-000 – MT Contact Removal Tool

*MT ferrules are not included in the assembly kits

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