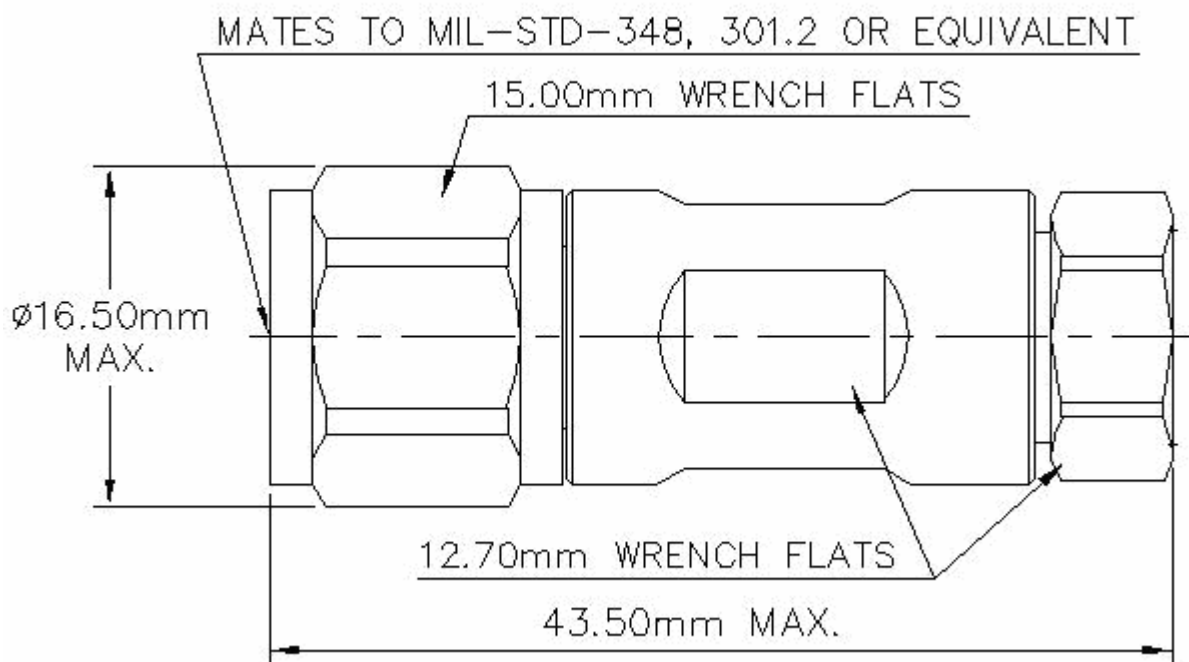


F1TTM-C

TNC MALE CONNECTOR



CHARACTERISTICS

Electrical

Recommended maximum operating frequency, GHz	11.00	
dc test maximum voltage	1,500.00	
3rd order IM, product typical @ 910 MHz, -dBm (Method)	-110.00	
Insulation resistance, min, Megaohms	5,000.00	
Connector impedance, ohms	50.00	
Cable impedance, ohms	50.00	
Insertion loss, max, dB	0.05 $\sqrt{\text{frequency(GHz)}}$	
Connector Return Loss, dB		
<u>Start</u>	<u>Stop</u>	<u>Return Loss</u>
0.05 -	3.00 GHz	35.00
3.00 -	6.00 GHz	25.00

Mechanical

Inner attachment method	Captivated
Outer attachment method	Clamp
Pressurizable	No
Coupling nut retention force, N (lb)	440.00 (98.92)
Minimum coupling nut torque, N-m (lb-in)	0.60 (5.31)

Environmental

Moisture resistance test	MIL-STD-202F, Method 106F
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Customer Support Center:

From North America: 1-800-255-1479
International: +1-708-873-2307

www.andrew.com

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24 January 2005

F1TTM-C

TNC MALE CONNECTOR

Mechanical shock test

MIL-STD-202F, Method 213B, Test Condition C

Corrosion test

MIL-STD-1344A, Method 1001.1, Test Cond. A

Operating temperature range, °C

-55.00°C - 85.00°C

Components

Body {Trimetal Plate}

Material: Brass

Exterior finish: Trimetal Plate

Inner Contact {Gold Plate}

Material: Brass

Exterior finish: Gold Plate

Insulator

Material: PTFE

Bushing {Trimetal Plate}

Material: Brass

Exterior finish: Trimetal Plate

Attachment Nut (Trimetal Plate)

Material: Brass

Exterior finish: Trimetal Plate

Interface {Silver Plate}

Material: Brass

Exterior finish: Silver Plate

Gasket

Coupling Nut {Trimetal Plate}

Material: Brass

Exterior finish: Trimetal Plate