

TNC Male Connector Assembly



Electrical Characteristics:

Max. Operating Frequency	: 6 GHz
Connector Impedance	: 50Ω
Return Loss	: -35dB, 0 – 1 GHz -32dB, 1 – 3 GHz
Insertion Loss	: 0.1 √freq (GHz)

Mechanical:

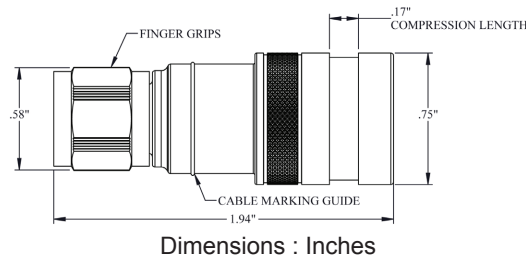
Inner Attachment Method	: 360° Collet
Outer Attachment Method	: Compression
Connector Weight	: 1.565 oz. 44.4 g
Min. Connector Retention Tensile Force	: 890 N 200 lbs.
Min. Coupling Nut Torque	: 14 in.-lbs. 1.6 N-m
Hex Width	: 0.55" 14mm

Components:

Interface Type	: TNC, Male
Body & Hex Coupling Nut	: White Bronze (tri-metal)
Inner Contact	: Gold Plated Brass
Internal Post	: Tin Plated Brass
Compression Ring	: Brass
Clamp	: UHMWPE
Insulator	: Ultem® 1000
Gasket	: Silicone Rubber

Environmental:

Moisture Resistance Test	: MIL-STD-202F, Method 106F
Mechanical Shock Test	: MIL-STD-202F, Method 213B, Test Condition C
Corrosion Test	: MIL-STD-1344A, Method 1001.1, Test Condition A
Thermal Shock Test	: MIL-STD-202F, Method 107G, Test Condition A-1, Low Temp -55°C
Vibration Test	: IEC 68, PART 2-6
Operating Temp. Range	: -67°F to +185°F / -55°C to +85°C
Storage Temperature	: -67°F to +185°F / -55°C to +85°C
Immersion Test	: IEC 529:1989, IP68
Immersion Depth	: 12" 0.31m
Water Jetting Test	: IEC 529:1989, IP66



Part Number Table

Description	Part Number
TNC Male Connector Assembly, 50Ω for 400 Plenum Size Cable	MCRF-TM-400PL

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