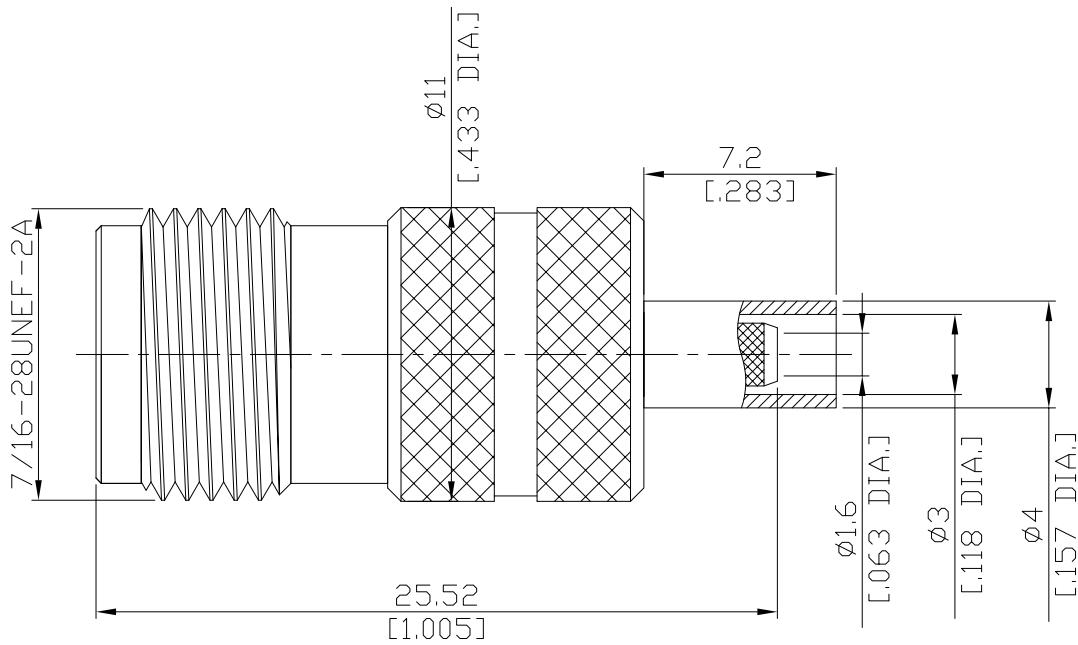


TNC Jack (Female) Straight Connector, Cable Entry: Crimp,
Contact Pin: Solder or Crimp Attachment for RG316,DC-6GHz

TNC2C50-G316A / H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-17;CECC 22 200;MIL-PRF-39012;TNC-Interface MIL-STD-348/313

Electrical Data

Impedance	50 Ω
Frequency	DC to 6 GHz
Insertion Loss	$\leq 0.1 \times \sqrt{F} \text{ (GHz)} \text{ dB}$
Insulation Resistance	$\geq 5 \text{ G}\Omega$
Center Contact Resistance	$\leq 1.5 \text{ m}\Omega$
Outer Contact Resistance	$\leq 1 \text{ m}\Omega$
Test voltage (at sea level)	1500 V rms
Working voltage (at sea level)	500 V rms
Power handling (at 20 °C, sea level, VSWR 1.0)	80 W @ 2 GHz

-VSWR in application depends decisive on cable assembly process-

Material And Plating

Piece Parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	
Crimp ferrules	Brass	Nickel

**TNC Jack (Female) Straight Connector, Cable Entry: Crimp,
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TNC2C50-G316A / H3

Mechanical Data

Coupling Mechanisms	Screw-Lock
Mating Cycles	≥ 500
Center Contact Captivation: axial	≥ 15 N
Centre Contact	Crimped or Soldered
Cable Entry	Crimped
Coupling Test Torque	≤ 1.7 Nm
Recommended Torque	0.46 Nm to 0.69 Nm

Environmental Data

Temperature Range	-65°C to +165°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition G
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Suitable Cables

RG174, RG188, RG316

Packing

Single or 100