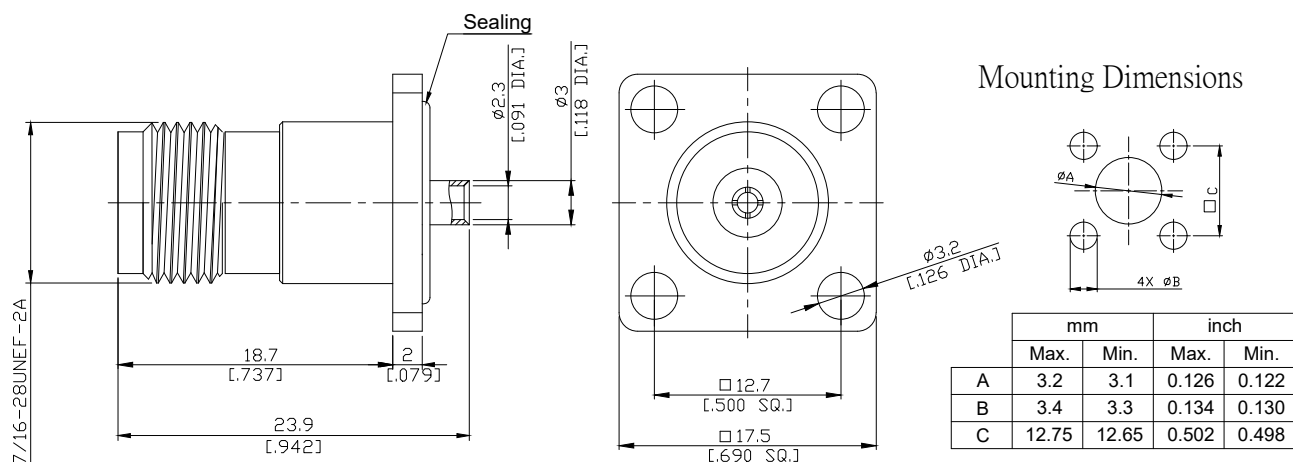


TNC Jack (Female) Cable Connector Direct Solder With Sealing Attachment for
RG405, .085, .086, SS405 Cable DC-18 GHz VSWR 1.2

TNC2EBFS50-0085A / 91



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 61169-17

Electrical Data

Impedance	50 Ω
Frequency	DC to 11 GHz
VSWR (Return Loss)	≤ 1.15 (≥ 23.1 dB)
Insertion Loss	≤ 0.05 × √F (GHz) dB
Insulation Resistance	≥ 5 GΩ
Center Contact Resistance	≤ 1.5 mΩ
Outer Contact Resistance	≤ 1 mΩ
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

- Limitations are possible due to the used cable type -

Material And Plating

Piece Parts	Material	Plating
Centre Contact	Beryllium Copper	Gold plating, 50 μinch (Non-magnetic nickel-phosphorus underplating, 120 μinch)
Body	Brass	Gold plating, 50 μinch (Non-magnetic nickel-phosphorus underplating, 120 μinch)
Insulator	PTFE	
Gasket	Silicone Rubber	
Barrel	Brass	Gold plating, 50 μinch (Non-magnetic nickel-phosphorus underplating, 120 μinch)

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Weight	N/A
Coupling Test Torque	1.7 Nm max.
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 107, Condition B
Vibration	MIL-STD-202, Method 107, Condition B
Shock	MIL-STD-202, Method 107, Condition G
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Suitable Cables

.085, .086, RG405, SS405

Packing

Single or 100