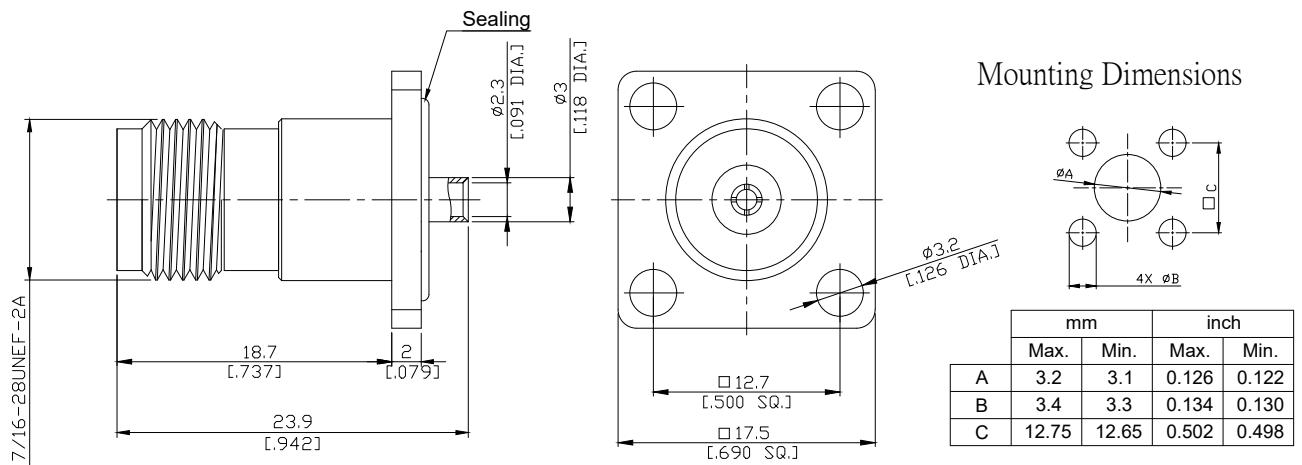


TNC Jack (Female) Cable Connector Direct Solder With Sealing Attachment for RG405, .085, .086, SS405 Cable DC-18 GHz VSWR 1.2

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 x √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