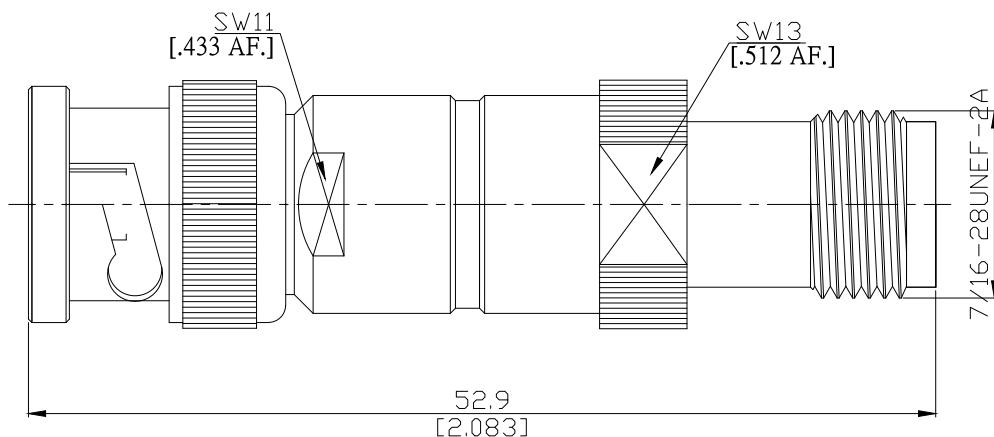


BNC plug (male) 50Ω/ TNC jack (female) 75Ω
Impedance Matching Pad DC- 2GHz VSWR1.2

MP-B15T27-2GA / H44-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

BNC according to

IEC 60169-8; MIL-STD-348B/301

TNC according to

IEC 60169-17; MIL-STD-348B/313

Electrical Data

Impedance

BNC 50 Ω/ TNC 75 Ω

Frequency

DC to 2 GHz

VSWR (Return Loss)

≤ 1.2 (≥ 20.8 dB)

Insertion Loss

≤ 0.05 x √F (GHz) dB

Center contact resistance

≤ 1.5 mΩ, BNC side;

≤ 1.5 mΩ, TNC side

Outer contact resistance

≤ 1 mΩ, BNC side;

≤ 1 mΩ, TNC side

Working voltage

2W Avg. @ +25 °C

Peak Power

≤ 250 W

Material And Plating

Piece Parts (BNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (TNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	



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Mechanical Data

Coupling mechanisms	BNC side	TNC side
Mating cycles	Bayonet-lock	Screw-lock
Center contact captivation: axial	min. 500	min. 500
Coupling test torque	≥ 15 N	≥ 15 N
Recommended torque	N/A	max. 1.7 Nm
	N/A	0.46 Nm to 0.69 Nm

Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. G
Moisture resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100