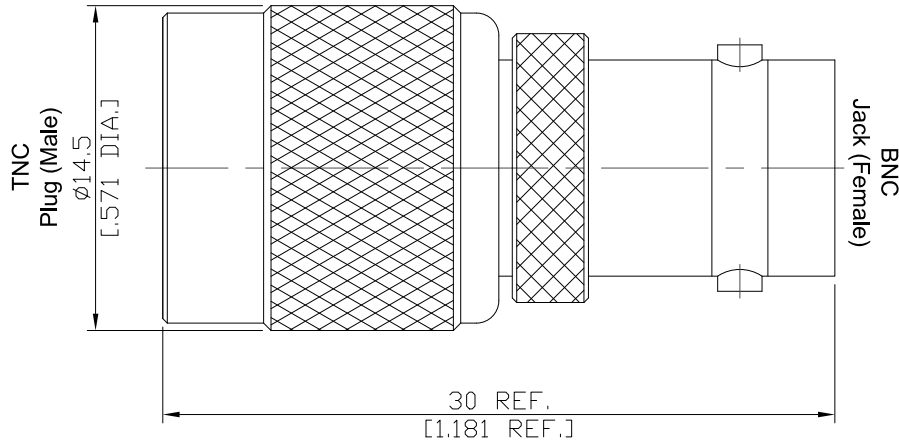


TNC Plug (Male) to BNC Jack (Female), Straight Adapter, DC-4 GHz, VSWR 1.20

AD-T1B25A1 / H44-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

TNC side According to

IEC 61169-17; CECC 22200; MIL-PRF-39012; MIL-STD-348B/313; DIN EN 122200

BNC side According to

IEC 61169-8; CECC 22120; MIL-PRF-39012; MIL-STD-348B/301; BS 9210 N 004

Electrical Data

Impedance	50 Ω
Frequency	DC to 4 GHz
VSWR (Return Loss)	≤ 1.2 (≥ 20.83 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	1500 V rms
Working voltage	400 V rms
Power handling	≤ 80 W @ 2 GHz

Material And Plating

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

TNC Plug (Male) to BNC Jack (Female), Straight Adapter, DC-4 GHz, VSWR 1.20

AD-T1B25A1 / H44-H4

Mechanical Data

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

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