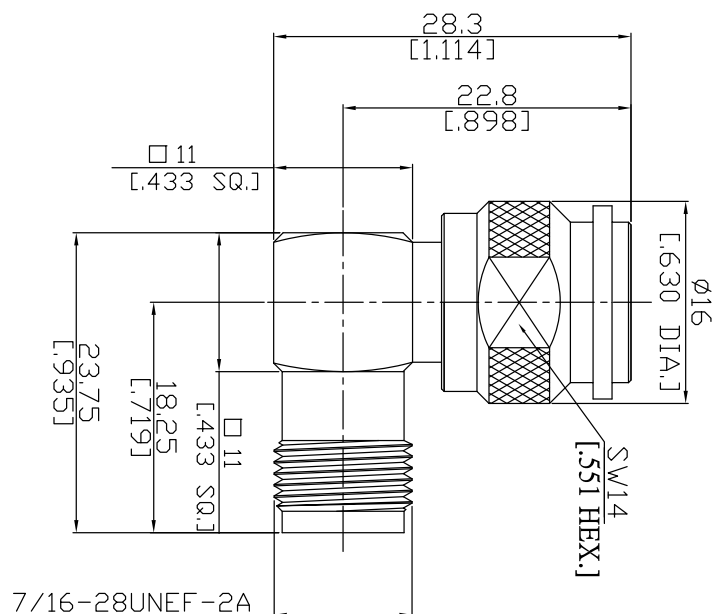


TNC plug (male) / TNC jack (female) Rightangle Adaptor
DC-6 GHz, VSWR ≤ 1.2

ADL-T1T25A / 133-H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

according to

MIL-C-39012; MIL-STD-348A/313

Electrical Data

Impedance	50 Ω
Frequency	DC to 6 GHz
VSWR (Return Loss)	≤ 1.2 (≥ 20.8 dB)
Insertion Loss	≤ 0.05 × √F (GHz) dB
Insulation resistance	≤ 5 GΩ
Center contact resistance	≤ 1.5 mΩ
Outer contact resistance	≤ 1 mΩ
Dielectric withstanding Voltage	1500 V rms
Working voltage	500 V rms
Power handling	≤ 80 W @ 2 GHz
RF leakage	< -50dBi @ 2GHz, < -45 dBi @ 8GHz

Material And Plating

Piece Parts (TNC)	Material	Plating
Centre contact	Brass	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Piece Parts (TNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Brass	Nickel
Insulator	PTFE	

TNC plug (male) / TNC jack (female) Rightangle Adaptor
DC-6 GHz, VSWR ≤ 1.2

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation: axial	≥ 15 N
Coupling test torque	≤ 1.7 Nm
Recommended torque	0.46 Nm to 0.69 Nm

Environmental Data

Temperature Range	-65°C to +155°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, Method 106
RoHS	compliant

Packing

Single or 100