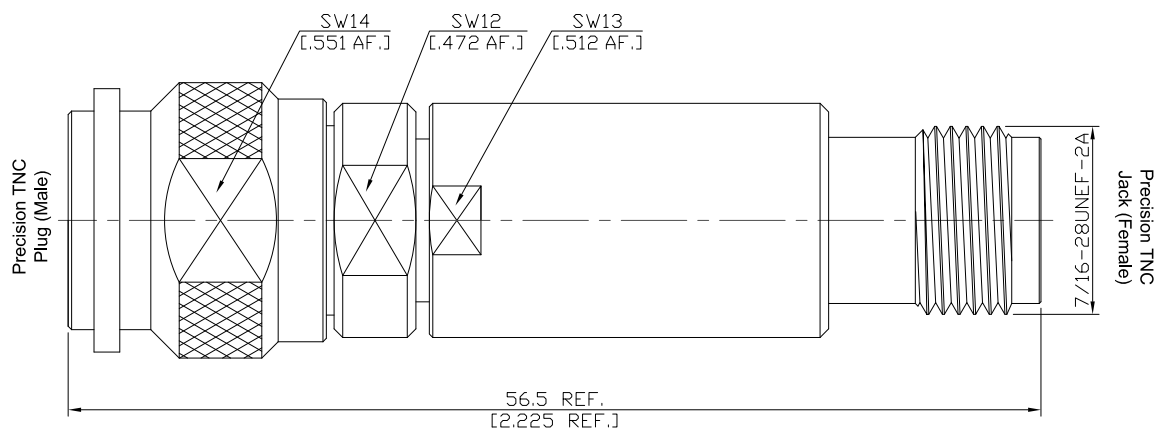


Precision TNC Plug (Male) to Precision TNC Jack (Female), Straight Adapter,
DC - 18 GHz, VSWR 1.25

AD-PCT1PCT25A1 / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-26; CECC 22200; MIL-PRF-39012; MIL-STD-348B/406

Electrical Data

Impedance	50 Ω
Frequency	DC to 18 GHz
VSWR (Return Loss)	≤ 1.25 (≥ 19.08 dB)
Insertion Loss	≤ 0.1 x √F (GHz) dB
Insulation Resistance	≥ 5 G Ω
Center Contact Resistance	≤ 1.5 mΩ
Outer Contact Resistance	≤ 1 mΩ
Test Voltage	1500 V rms
Working Voltage	500 V rms

Material and Plating

Piece Parts (Precision TNC)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Fastening Nut	Stainless Steel	Passivated
Piece Parts (Precision TNC)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	

Precision TNC Plug (Male) to Precision TNC Jack (Female), Straight Adapter,
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AD-PCT1PCT25A1 / 9XX-9X

Mechanical Data

Coupling Mechanisms	Screw-On
Mating Cycles	≥ 500
Center Contact Captivation: axial	≥ 15 N
Coupling Test Torque	max. 1.7 Nm
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, Cond. B
Corrosion	MIL-STD-202, Method 101, Cond. B
Vibration	MIL-STD-202, Method 204, Cond. B
Shock	MIL-STD-202, Method 213, Cond. G
Moisture Resistance	MIL-STD-202, Method 106
RoHS	Compliant

Packing

Single or 100