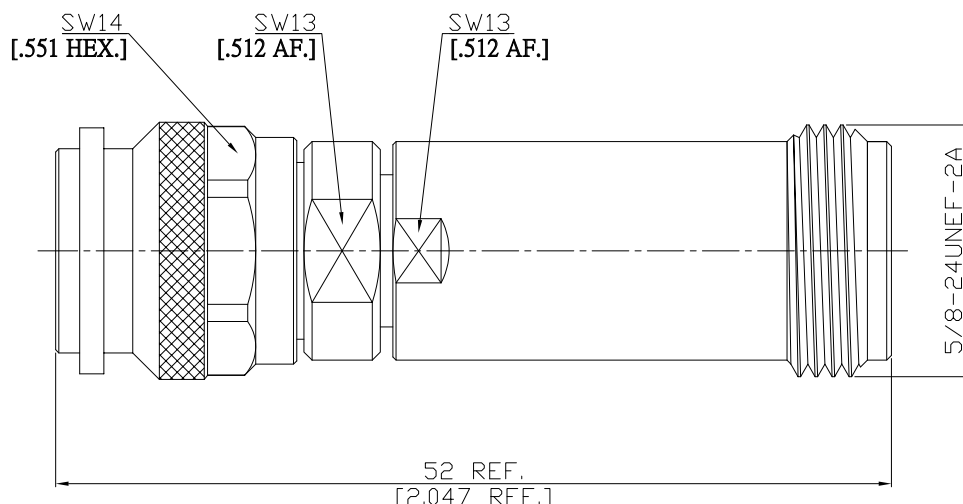


Precision TNC Plug (Male) to Precision N Jack (Female) Adapter
DC-18GHz VSWR 1.15

AD-PCT1PCN25A/9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

Electrical Data

Impedance

Frequency

VSWR (Return Loss)

Insertion Loss

Insulation Resistance

Center Contact Resistance

Outer Contact Resistance

Test Voltage (at sea level)

Working Voltage (at sea level)

Precision TNC Side
IEC 60169-26

Precision N Side
IEC 60169-16; MIL-STD 348B/402

50 Ω
DC to 18 GHz
 ≤ 1.15 (≥ 23.13 dB)
 $\leq 0.1 \times \sqrt{f}$ (GHz) dB
 ≥ 5 G Ω
 ≤ 1.5 m Ω , Precision TNC Side
 ≤ 1.0 m Ω , Precision TNC Side
1500 V rms
500 V rms

≤ 1.0 m Ω , Precision N Side
 ≤ 1.0 m Ω , Precision N Side

Material And Plating

Piece Parts (Precision TNC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (Precision N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Stainless Steel	Passivated
Insulator	PS	

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Mechanical Data

	Precision TNC Side	Precision N Side
Coupling mechanisms	Screw-lock	Screw-lock
Mating Cycles	≥ 500	≥ 500
Coupling Nut Retention	≥ 445 N	N/A
Center Contact Captivation: axial	≥ 27 N	≥ 27 N
Weight	0.0427 kg	
Coupling Test Torque	1.7 Nm max.	1.7 Nm max.
Recommended Torque	1.35 Nm	1.35 Nm

Environmental Data

Temperature Range	-60°C to +100°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. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100