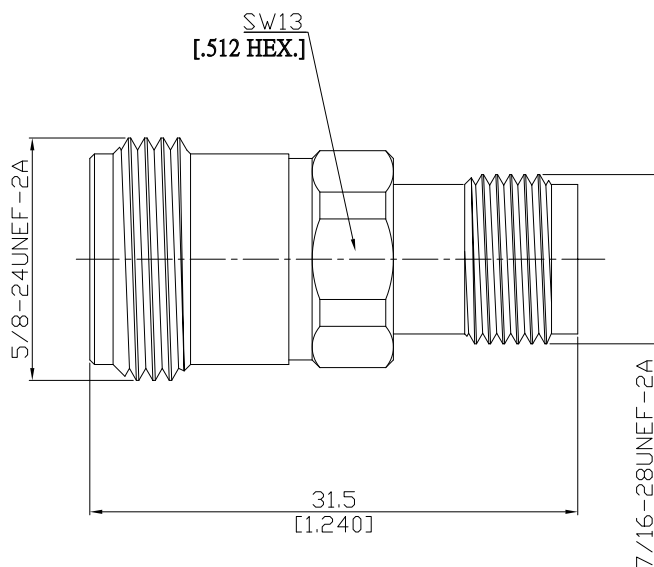


Precision N Jack (Female) to Precision TNC Jack (Female)
Straight Adaptor DC-18 GHz VSWR ≤ 1.15

AD-PCN2PCT25B / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

Precision N according to

IEC 60169-16; MIL-STD 348B/402

Precision TNC according to

IEC 60169-26

Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.15 (≥ 23.13 dB)

Insertion Loss

≤ 0.1 × √F (GHz) dB

Insulation Resistance

≥ 5 GΩ

Center Contact Resistance

≤ 1.0 mΩ, Precision N Side

≤ 1.5 mΩ, Precision TNC Side

Outer Contact Resistance

≤ 1.0 mΩ, Precision N Side

≤ 1.0 mΩ, Precision TNC Side

Test Voltage (at sea level)

1500 V rms

Working Voltage (at sea level)

500 V rms

Material And Plating

Piece Parts (Precision N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Piece Parts (Precision TNC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	

Precision N Jack (Female) to Precision TNC Jack (Female)
Straight Adaptor DC-18 GHz VSWR ≤ 1.30

AD-PCN2PCT25B / 9X-9X

Mechanical Data

Coupling mechanisms

Precision N Side

Precision TNC Side

Mating Cycles

Screw-lock

Screw-lock

Coupling Nut Retention

≥ 500

≥ 500

Center Contact Captivation: axial

N/A

N/A

Coupling Test Torque

≥ 27 N

≥ 27 N

Recommended Torque

1.7 Nm max.

1.7 Nm max.

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