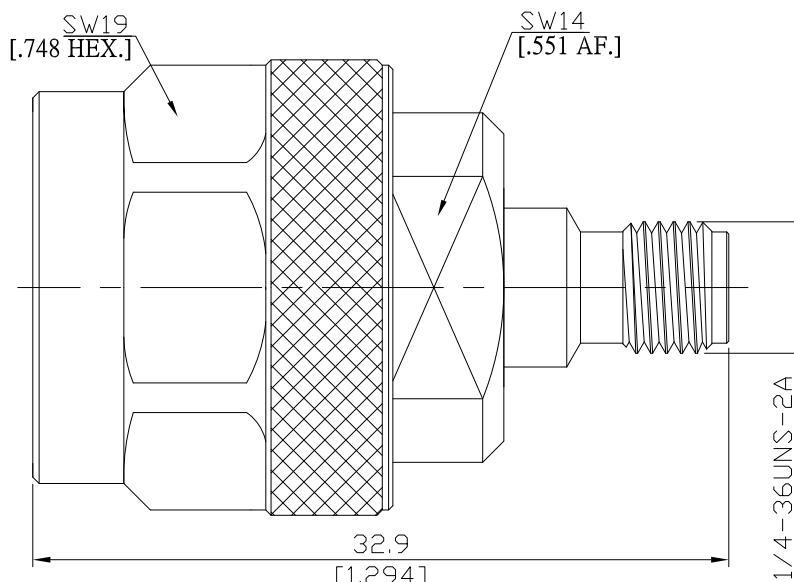


Precision N plug (male) / 3.5mm jack (female)
Straight Adaptor DC-18 GHz VSWR ≤ 1.15

AD-PCN1PC25B / 9XX-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

3.5mm according to

IEC 60169-23

Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.15 (≥ 23.13 dB)

Insertion Loss

≤ 0.04 × √F (GHz) dB

Insulation resistance

≥ 5 GΩ

Center contact resistance

≤ 1.0 mΩ, Precision N side;

Outer contact resistance

≤ 1.0 mΩ, Precision N side;

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	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (3.5mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	

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Mechanical Data

Coupling mechanisms	Precision N side	3.5mm side
Mating cycles	Screw-lock	Screw-lock
Center contact captivation: axial	min. 500	min. 500
Coupling test torque	≥ 28 N	≥ 28 N
Recommended torque	1.70 Nm	1.70 Nm
	0.70 Nm to 1.10 Nm	0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range	-60°C to +100°C
RoHS	compliant

Packing

Single or 100