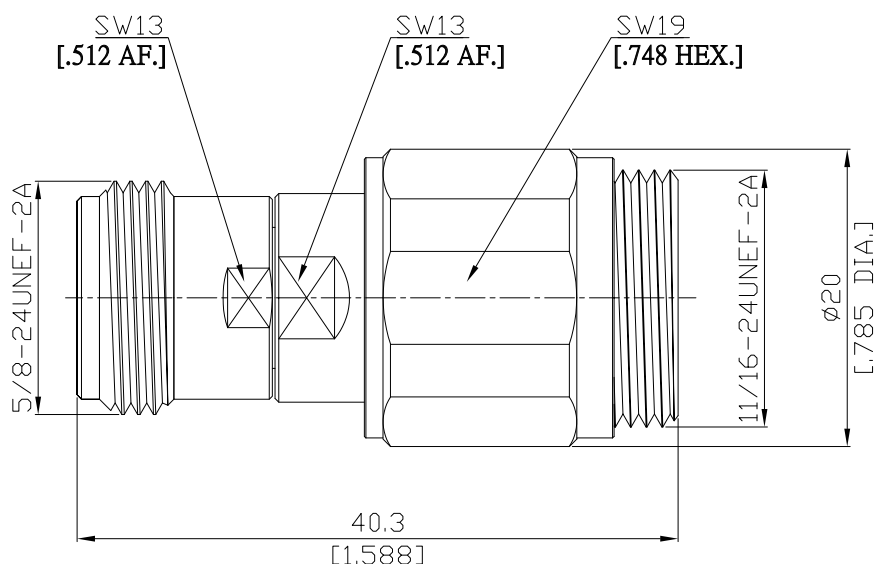


Precision N jack (female) / 7mm sexless
Straight Adaptor DC-18 GHz VSWR ≤ 1.15

AD-PCN2P7S5A / 9X-9XX



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

7mm according to

IIEC 457-2

Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.15 (≥ 23.13 dB)

Insertion Loss

≤ 0.08 × √F (GHz) dB

Insulation resistance

≥ 5 GΩ

Test voltage

2500 V rms

Working voltage

1000 V rms

RF-leakage

≥ 90 dB up to 1 GHz

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	PS	
Piece Parts (7mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PS	
Coupling nut	Stainless Steel	Passivated

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Mechanical Data

Coupling mechanisms	Precision N side	7mm side
Mating cycles	Screw-lock	Screw-lock
Center contact captivation	min. 500	min. 500
Coupling test torque	≥ 28 N	≥ 28 N
Recommended torque	1.70 Nm	1.95 Nm
	0.70 Nm to 1.10 Nm	1.36 Nm

Environmental Data

Temperature Range	-55°C to +70°C
Thermal shock	IEC 61169-1, Subclause 9.4.4
Corrosion	IEC 61169-1, Subclause 9.4.6
Vibration	IEC 61169-1, Subclause 9.3.3
Shock	IEC 61169-1, Subclause 9.3.14
Moisture resistance	IEC 61169-1, Subclause 9.4.3
RoHS	compliant

Packing

Single or 100