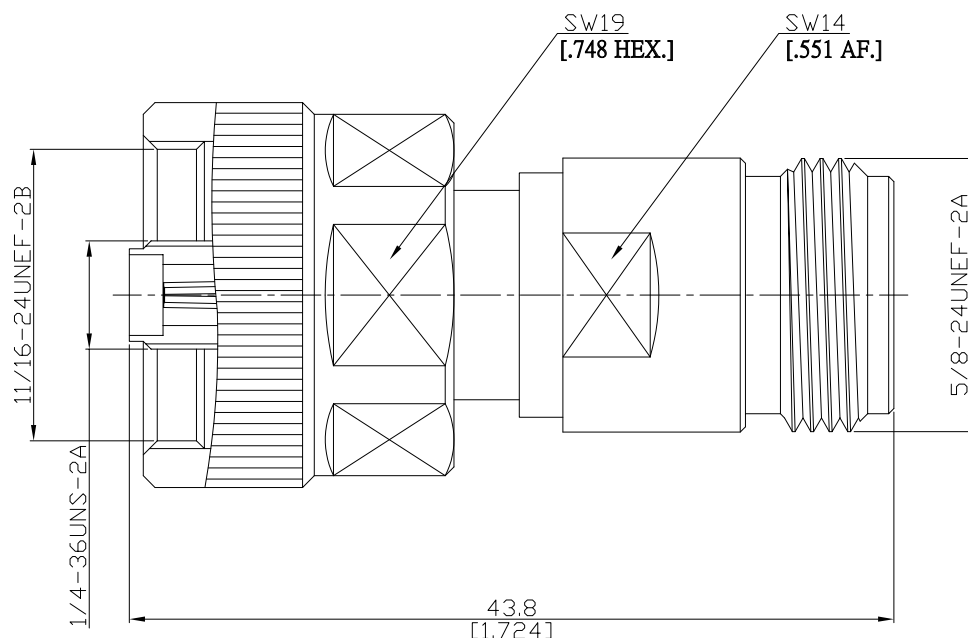


Precision N jack (female) / Ruggedized NMD 2.92mm jack (female)
Straight Adaptor DC-18 GHz VSWR ≤ 1.15

AD-PCN2NMK25A / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

Precision N according to

NMD 2.92mm mechanically compatible with

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

3.5mm, SMA, and Precision SMA

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;

≤ 3.0 mΩ, 2.92mm side

Outer contact resistance

≤ 1.0 mΩ, Precision N side;

≤ 2.0 mΩ, 2.92mm side

Material And Plating

Piece Parts (Precision N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PS	
Piece Parts (NMD 2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PS	
Coupling nut	Stainless Steel	Passivated

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Mechanical Data

Coupling mechanisms	Precision N side	2.92mm side
Mating cycles	Screw-lock	Screw-lock
Center contact captivation	min. 500	min. 500
Coupling test torque	≥ 28 N	≥ 20 N
Recommended torque	1.70 Nm	1.70 Nm
Recommended torque ruggedized nut	0.70 Nm to 1.10 Nm	0.80 Nm to 1.10 Nm
	N/A	1.36 Nm

Environmental Data

Temperature Range	-40°C to +85°C
RoHS	compliant

Packing

Single or 100