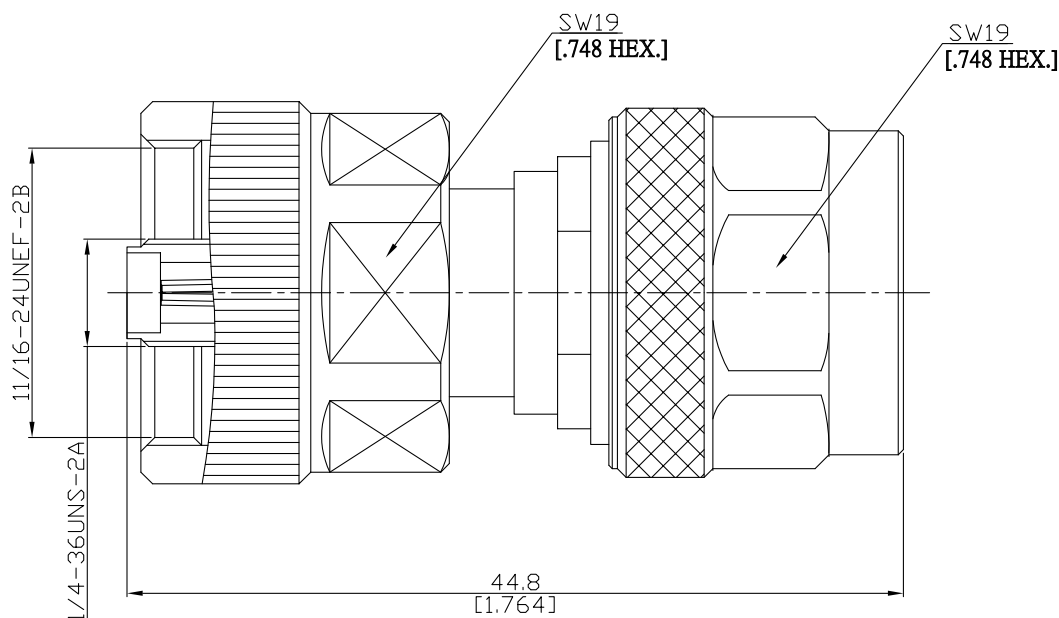


Precision N plug (male) / Ruggedized NMD 3.5mm jack (female)
Straight Adaptor DC-18 GHz VSWR ≤ 1.15

AD-PCN1NMPC25A / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

Precision N according to
NMD 3.5mm mechanically compatible with

IEC 60169-16; MIL-STD-348B/402
IEC 60169-23

Electrical Data

Impedance	50 Ω
Frequency	DC to 18 GHz
VSWR (Return Loss)	≤ 1.15 (≥ 23.13 dB)
Insertion Loss	≤ 0.05 × √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	PS	
Coupling nut	Stainless Steel	Passivated
Piece Parts (NMD 3.5mm)	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

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:
Date: JUL/16/2021

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Mechanical Data

Coupling mechanisms	Precision N side	NMD 3.5mm side
Mating cycles	Screw-lock	Screw-lock
Center contact captivation	min. 500	min. 500
Coupling test torque	≥ 28 N	≥ 27 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	-40°C to +85°C
RoHS	compliant

Packing

Single or 100