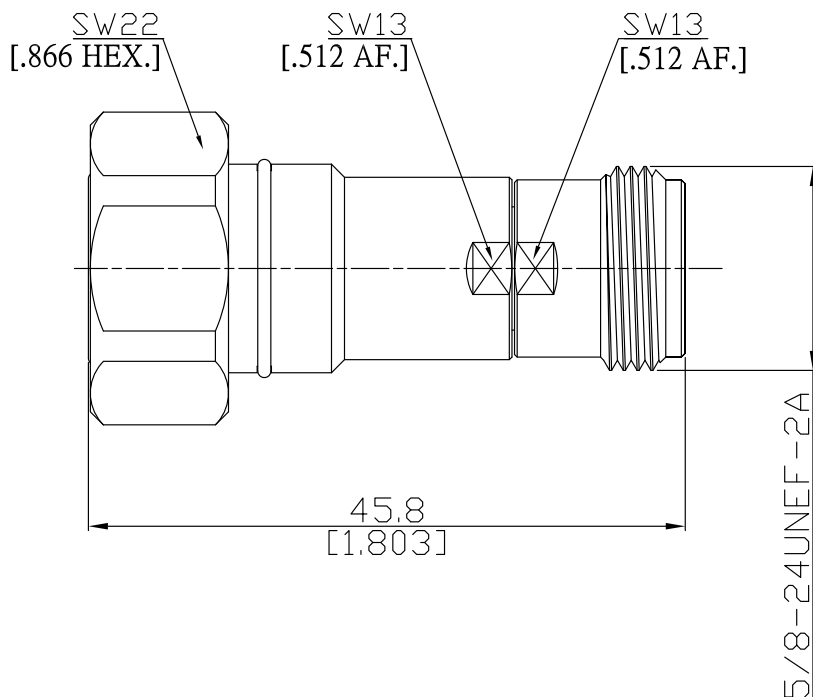


4.3/10 plug (male) / Precision N jack (female) Adapter
DC-12 GHz VSWR1.15

AD-43101PCN25A / 144-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

4.3/10 according to

IEC 61169-54

Precision N according to

IEC 61169-16; MIL-STD-348B/304

Electrical Data

Impedance

50 Ω

Frequency

DC to 12 GHz

VSWR (Return Loss)

≤ 1.15 (≥ 23.1 dB)

Insertion Loss

$\leq 0.05 \times \sqrt{F}$ (GHz) dB

Material And Plating

Piece Parts (4.3/10)		Material	Plating
Centre contact		Brass	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body		Brass	Copper-Tin-Zinc Alloy
Insulator		PTFE	
Gasket		Silicone Rubber	
Coupling nut		Brass	Copper-Tin-Zinc Alloy
Piece Parts (Precision N)		Material	Plating
Centre contact		Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body		Stainless Steel	Passivated
Insulator		PTFE	

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Mechanical Data

Coupling mechanisms	4.3/10 side	Precision N side
Mating Cycles	Screw-lock	Screw-lock
Maximum torque	≥ 100	≥ 500
Recommended Torque	5 Nm	1.70 Nm
Gauge	2 Nm	1.10 Nm
	3.10 mm to 3.20 mm	5.28 mm to 5.36 mm

Environmental Data

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

Packing

Single or 100