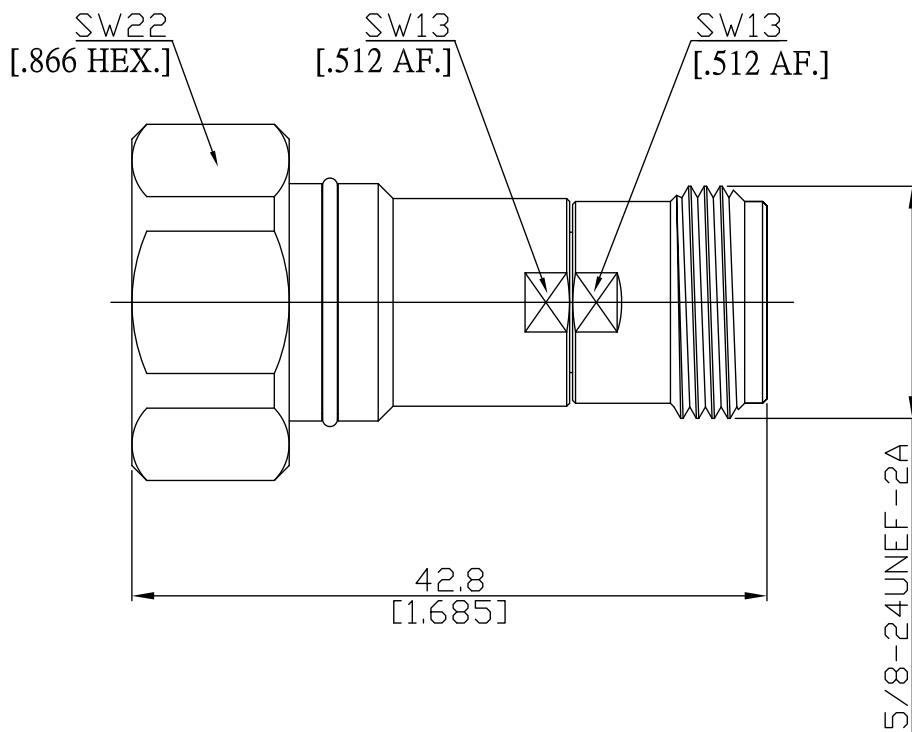


4.1/9.5 plug (male) / Precision N jack (female) Adapter  
DC-14 GHz VSWR1.13

**AD-MD1PCN25A / 144-9X**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

4.1/9.5 according to

IEC 61169-11

Precision N according to

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

#### Electrical Data

Impedance

50 Ω

Frequency

DC to 14 GHz

VSWR (Return Loss)

≤ 1.13 (≥ 24 dB)

Insertion Loss

≤ 0.05 x √F (GHz) dB

#### Material And Plating

##### Piece Parts (4.1/9.5)

	Material	Plating
Centre contact	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
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 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	

4.1/9.5 plug (male) / Precision N jack (female) Adapter  
DC-14 GHz VSWR1.13

## AD-MD1PCN25A / 144-9X

## Mechanical Data

Coupling mechanisms	4.1/9.5 side
Mating Cycles	Screw-lock
Maximum torque	≥ 500
Recommended Torque	≥ 20 N
Gauge	2 Nm
	5.05 mm to 5.13 mm

Precision N side
Screw-lock
≥ 500
1.70 Nm
1.10 Nm
5.28 mm to 5.36 mm

## Environmental Data

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

## Packing

Single or 100