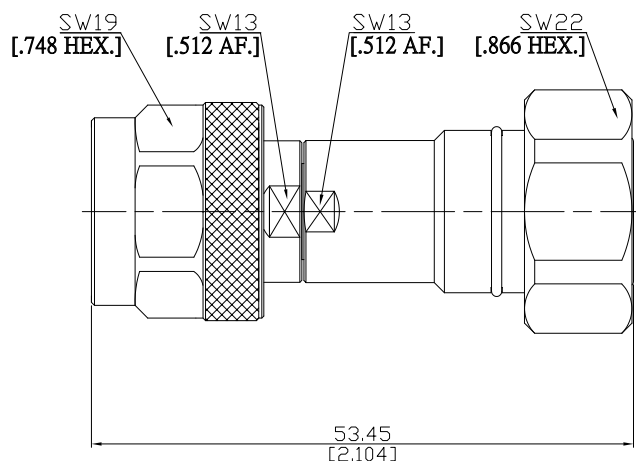


Precision N plug (male) / 4.3-10 plug (male)
Low PIM Straight Adaptor DC-12 GHz VSWR ≤ 1.13

AD-PCN1431015A / 144-144-LP



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

4.3/10 according to

IEC 61169-54

Electrical Data

Impedance

50 Ω

Frequency

DC to 12 GHz

VSWR (Return Loss)

DC-4GHz: ≤ 1.04 (≥ 34 dB) 4-6GHz: ≤ 1.07 (≥ 30 dB) 6-12GHz: ≤ 1.15 (≥ 23 dB)

Insertion Loss

DC-3GHz: ≤ 0.05 dB 3-12GHz: ≤ 0.04 × √F (GHz) dB

PIM level

≤ -166 dBc

Mechanical Data

Coupling mechanisms

Precision N side

4.3/10 side

Mating cycles

Screw-lock

Screw-lock

Maximum torque

min. 500

min. 100

Recommended torque

1.70 Nm

5 Nm

Gauge

2 Nm

5.18 mm to 5.26 mm

3.10 mm to 3.20 mm

Environmental Data

Temperature Range

-65°C to +165°C

RoHS

compliant

Material And Plating

Piece Parts (Precision N)	Material	Plating
Centre contact	Brass	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (4.3-10)	Material	Plating
Centre contact	Brass	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Coupling nut	Brass	Copper-Tin-Zinc Alloy

Packing

Singleor 100