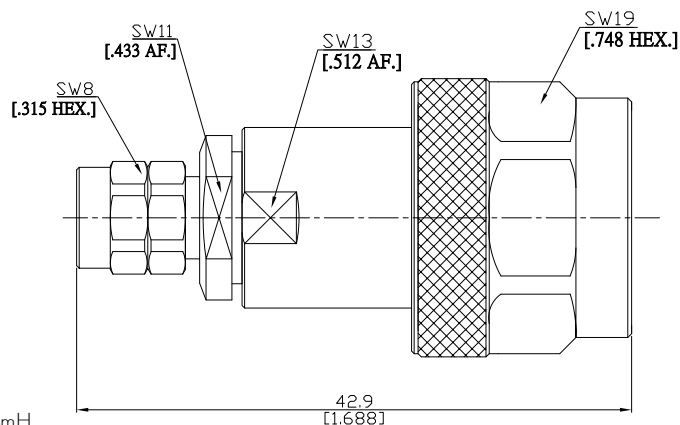


2.4mm plug (male) / Precision N plug (male)
Straight Adaptor DC-18 GHz, VSWR ≤ 1.15

AD-Q1PCN15A / 9XX-9XX



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

2.4mm according to

IEC 61169-40; MIL-STD-348B/324

Precision N according to

IEC 60169-16; MIL-STD 348B/304

Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.15 (≥ 23.13 dB)

Insertion Loss

≤ 0.04 x √F (GHz) dB

Insulation resistance

≥ 5 GΩ

Mechanical Data

Coupling mechanisms

2.4mm side

Precision N side

Mating cycles

≥ 500

Screw-lock

Center contact captivation

≥ 500

≥ 500

Coupling test torque

≥ 20 N

≥ 28 N

Recommended torque

1.65 Nm

1.70 Nm

0.80 Nm to 1.10 Nm

0.70 Nm to 1.10 Nm

Environmental Data

Temperature Range

-60°C to +100°C

RoHS

compliant

Material And Plating

Piece Parts (2.4mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PS	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
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	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated

Packing

Singleor 100