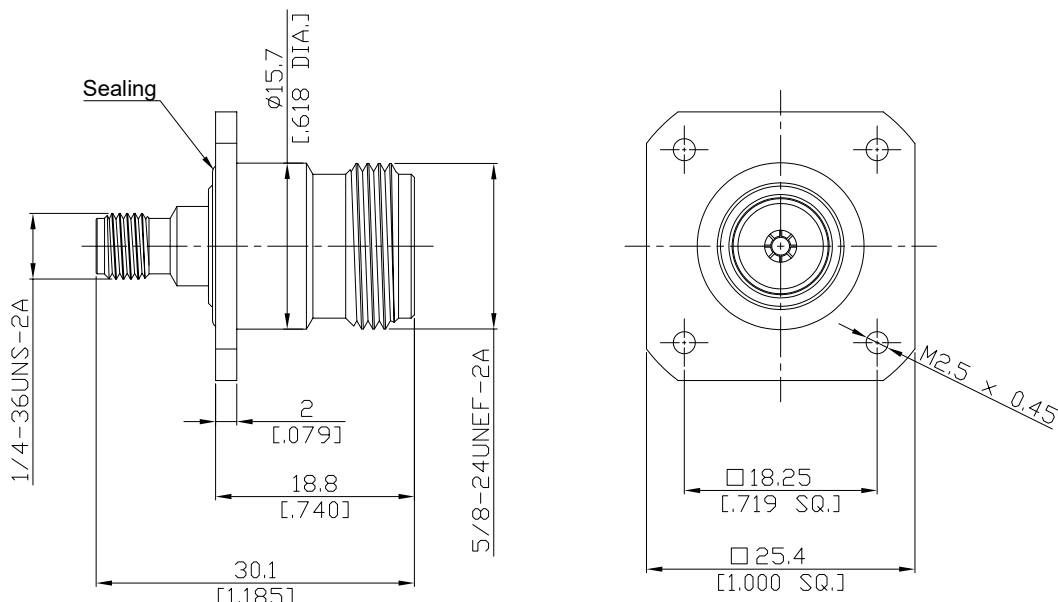


SMA jack (female) / N jack (female)
4-Hole Panel Adapter, DC-11 GHz, VSWR ≤ 1.15

AD-A2N25C-PFM2.5 / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

N according to

IEC 61169-16; MIL-STD-348A/304; MIL-STD-348A/331-1; MIL-STD-348A/331-2

SMA according to

IEC 60169-15; EN 122110; MIL-STD-348A, Fig. 310; MIL-STD-348A/310

Electrical Data

Impedance

50 Ω

Frequency

DC to 11 GHz

VSWR (Return Loss)

≤ 1.15 (≥ 23.1 dB)

Insertion loss

≤ 0.04 × √F [GHz] dB

Insulation resistance

≥ 5 × 10³ MΩ

Center contact resistance

≤ 3 mΩ, N side

≤ 1 mΩ, SMA side

Outer contact resistance

≤ 2 mΩ, N side

≤ 0.25 mΩ, SMA side

Test voltage

1000 V rms

Working voltage

480 V rms

Power handling (at 20 °C, sea level, VSWR 1.0)

≤ 200 W @ 2 GHz

RF-leakage

≥ 100 dB up to 1 GHz

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Piece Parts (N)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	

SMA jack (female) / N jack (female) 4-Hole Panel Adapter, DC-11 GHz, VSWR ≤ 1.15

AD-A2N25C-PFM2.5 / 9X-9X

Mechanical Data

Mating cycles	N(Snap-lock) min. 500	SMA (Snap-lock) min. 500
Center contact captivation: axial	≥ 28N	≥ 28N
Coupling test torque	max. 1.7 Nm	max. 1.7 Nm
Recommended torque	0.7 Nm to 1.1 Nm	0.8 Nm to 1.1 Nm
Weight	0.0272 kg	

Environmental Data

Temperature Range	-55°C to +155°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100

Related Document

Mounting Dimension	MD16
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