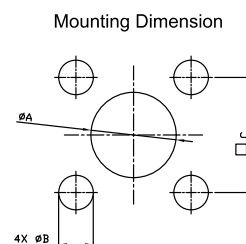
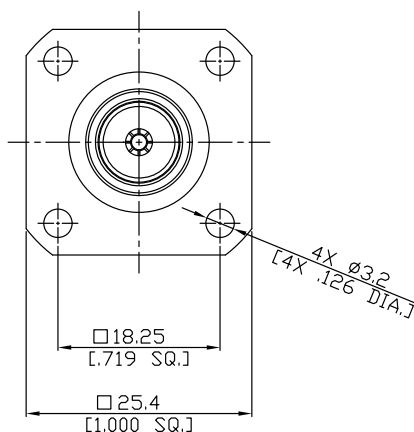
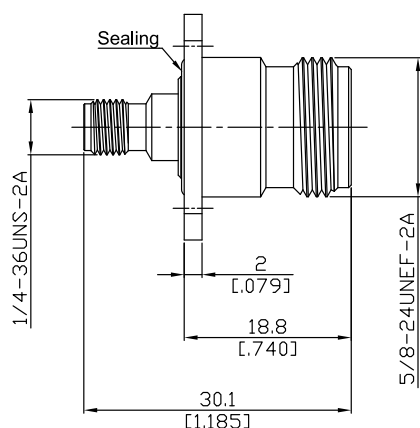


SMA Jack (Female) to N Jack (Female) Panel 4 Hole Flange Mount Adapter
DC-11GHz VSWR1.15

AD-A2N25A-PF / 9X-9X



	mm		inch	
	Max.	Min.	Max.	Min.
A	11.6	11.5	.457	.453
B	3.30	3.20	.130	.126
C	18.35	18.15	.722	.715

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

SMA according to

N according to

IEC 60169-15;CECC 22110; MIL-PRF-39012 SMA; MIL-STD-348/310

IEC 60169-16;MIL-STD-348/304;CECC 22 210

Electrical Data

Impedance

50 Ω

Frequency

DC to 11 GHz

VSWR (Return Loss)

≤ 1.15 (≥ 23.13 dB)

Insertion Loss

≤ 0.03 x √F (GHz) dB

Insulation Resistance

≥ 5 GΩ

Center Contact Resistance

≤ 3 mΩ, SMA side

≤ 1 mΩ, N side

Outer Contact Resistance

≤ 2 mΩ, SMA side

≤ 0.25 mΩ, N 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, 3 pinch (Non-magnetic nickel-phosphorus underplating, 100 pinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Piece Parts (N)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 100 pinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	

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Mechanical Data

	SMA Side	N Side
Coupling mechanisms	Screw-lock	Screw-lock
Mating Cycles	≥ 500	≥ 500
Center Contact Captivation axial	≥ 28 N	≥ 28 N
Coupling Test Torque	1.7 Nm max.	1.70 Nm max.
Recommended Torque	0.8 Nm to 1.1 Nm	0.7 Nm to 1.1 Nm

Environmental Data

Temperature Range	-55°C to +155°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100