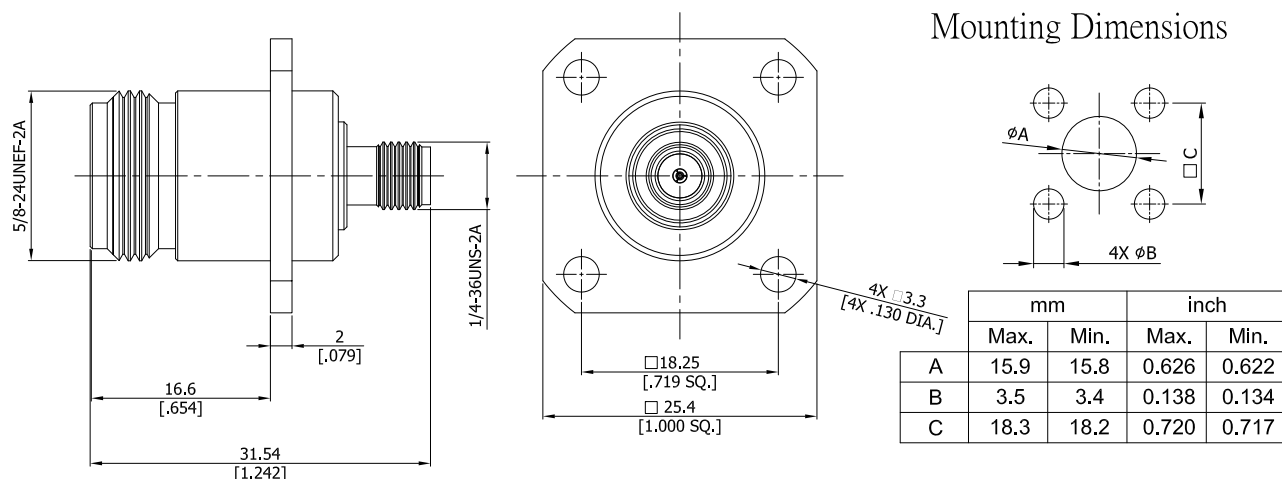


SMA Jack (Female) to N Jack (Female) Panel 4 Hole Flange Mount Adapter
DC-11GHz VSWR1.15

AD-A2N25B-PF / 93-93



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

Mechanically compatible with
According to

SMA Side
1.85mm
IEC 61169-40, IEEE Std 287

N Side
3.5mm and SMA
IEC 61169-35, IEEE Std 287

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
Outer Contact Resistance ≤ 2 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

≤ 1 mΩ, N side
≤ 0.25 mΩ, N side

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Nickel
Insulator	PTFE	
Piece Parts (N)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Nickel
Insulator	PTFE	

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

AD-A2N25B-PF / 93-93

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	0.9 Nm	1.36 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

Weight

N/A

Packing

Single or 100