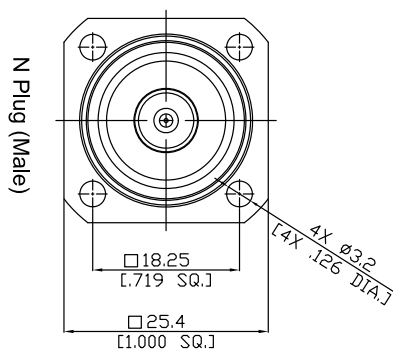
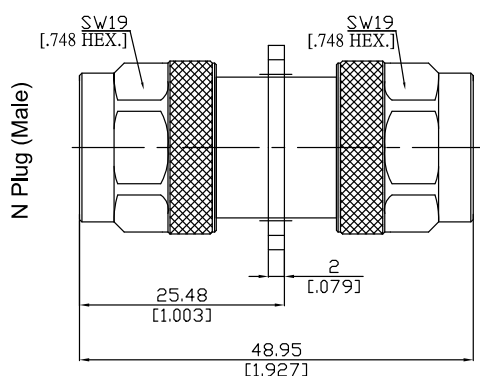


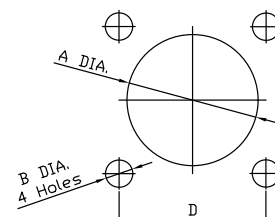
N Plug (male) / N Plug (male)
Panel 4 Hole Flange Mount Adapter DC-11GHz VSWR1.2

AD-N1N15A-PF / 144-144



MOUNTING DIMENSIONS

	mm		inch	
	MAX.	MIN.	MAX.	MIN.
A	21.8	21.6	.858	.850
B	3.4	3.2	.134	.126
C	18.35	18.15	.722	.715



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-16; MIL-STD-348B/304; CECC 22210

Electrical Data

Impedance	50 Ω
Frequency	DC to 11 GHz
VSWR (Return Loss)	≤ 1.20 (≥ 20.83 dB)
Insertion Loss	≤ 0.1 x √F (GHz) dB
Insulation Resistance	≥ 5 GΩ
Center contact resistance	≤ 1 mΩ
Outer contact resistance	≤ 0.25 mΩ
Working Voltage (at sea level)	500 V rms
Power Handling	1000 W @ 1 GHz
RF Leakage	≥ 128 dB up to 1 GHz

700 W @ 2 GHz

Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Brass	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (N)	Material	Plating
Centre contact	Brass	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Copper-Tin-Zinc Alloy
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N Plug (male) / N Plug (male)
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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	min. 500
Coupling nut retention	≥ 450 N
Center Contact Captivation: axial	≥ 28 N
Coupling Test Torque	max. 1.7 Nm
Recommended Torque	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 B
Shock	MIL-STD-202, Method 213, Condition I
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100