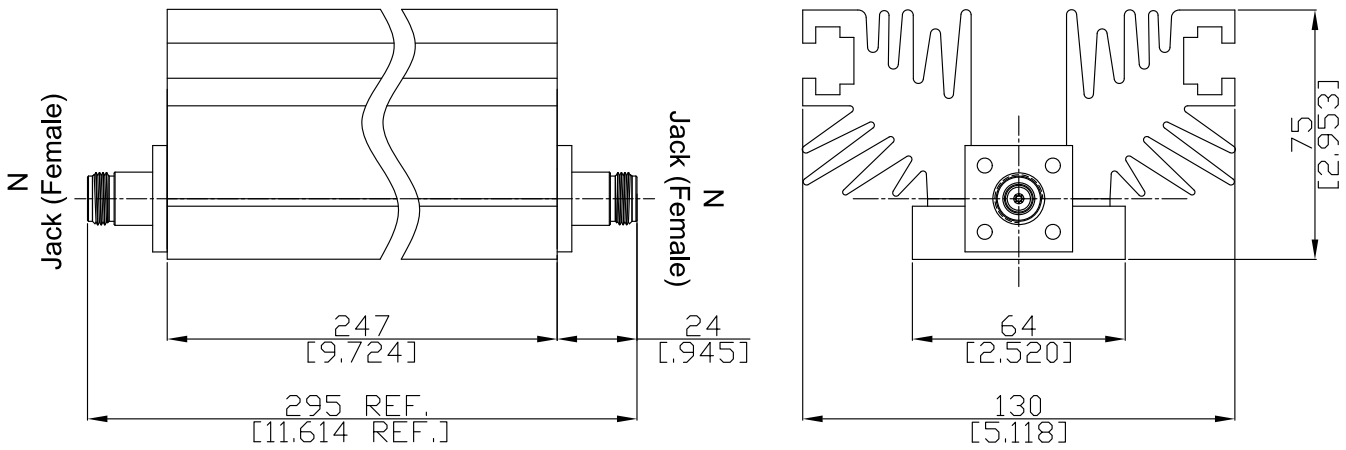
ROSNOL
RF/Microwave Interconnect

Technical Data Sheet

Bi-directional Fixed Attenuator N Jack (Female) / N Jack (Female) DC-2.4 GHz VSWR 1.3

FA-N2N25A-2.4G500W30 / H3-H3



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 2.4 GHz
VSWR (Return Loss)	≤ 1.3 (≥ 17.69 dB)
Power handling (Watt)	500 Watts average to 25°C

Accuracy Of Attenuation & Power

Nominal Attenuation (dB)	30 dB	
Deviation (± dB)	-1.0/+1.2	

Material And Plating

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	

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Mechanical Data	
Coupling Mechanisms	Screw-lock
Mating Cycles	≥ 500
Center contact captivation: axial	≥ 28 N
Coupling test torque	≤ 1.7 Nm
Recommended torque	0.7 Nm to 1.1 Nm
Weight	4.5kg
Environmental Data	
Temperature Range	-55°C to +125°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

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