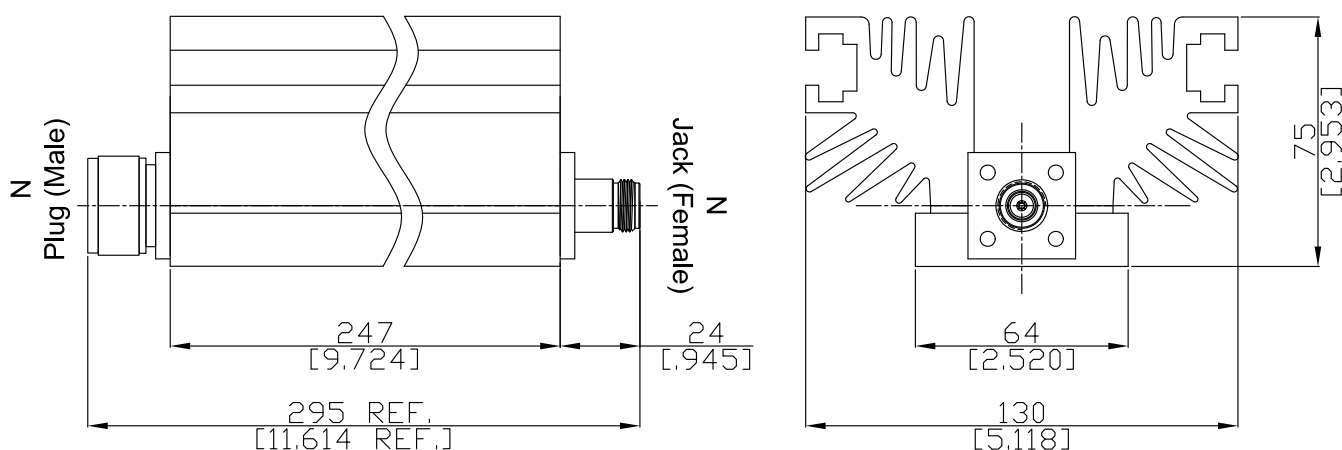


Fixed Attenuator N Plug (male) / N Jack (Female)
DC-2.4 GHz VSWR 1.3

FA-N1N25A-2.4G500W30 / 133-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 ($\pm$ dB)	-1.0/+1.2

Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Brass	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Piece Parts (N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Nickel
Insulator	PTFE	

Fixed Attenuator N Plug (male) / N Jack (Female)
DC-2.4 GHz VSWR 1.3

FA-N1N25A-2.4G500W30 / 133-H3

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

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