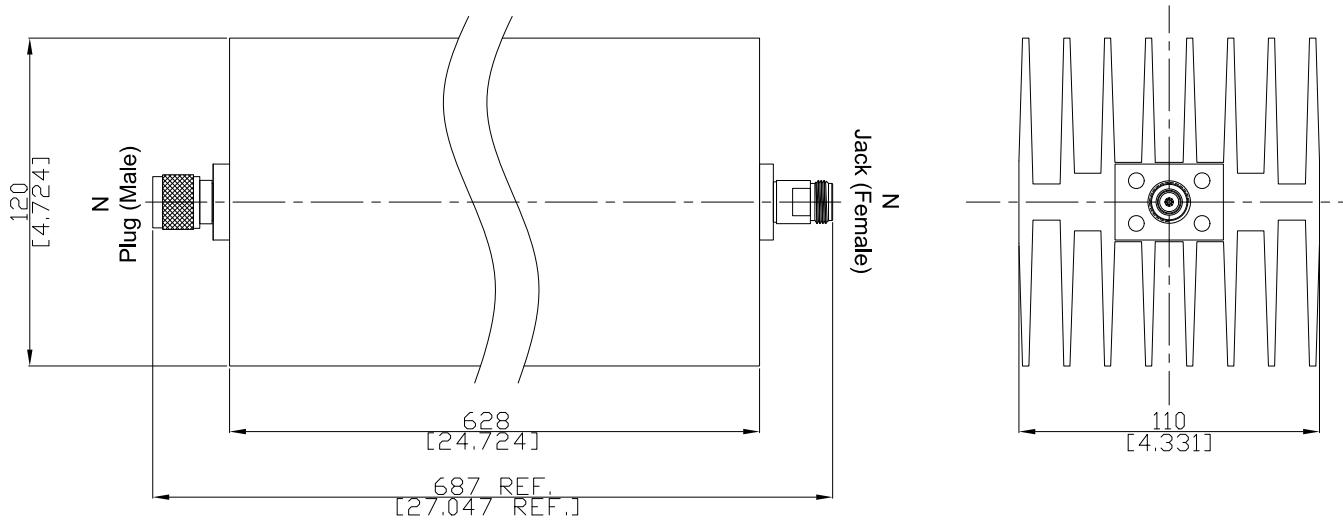


Fixed Attenuator N Male To N Female Up To 12.4 GHz Rated To 500 Watts

## FA-N1N25A-12.4G500W30 / 033-03



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 12.4 GHz

VSWR (Return Loss)

≤ 1.6 ( $\geq 12.74$  dB)

Power Handling

500W corresponds to an ambient temperature of 25°C, when the temperature rises to 125°C, the power decreases linearly to 50W

**Accuracy Of Attenuation**

Nominal Attenuation(dB)	30			
Deviation ( $\pm$ dB)	-4.0/+3.0			

**Material And Plating**

Piece Parts (N)	Material	Plating
Centre Contact	Brass	Silver
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Brass	Nickel
Piece Parts (N)	Material	Plating
Centre Contact	Brass	Silver
Body	Brass	Nickel
Insulator	PTFE	

Fixed Attenuator N Male To N Female Up To 12.4 GHz Rated To 500 Watts

**FA-N1N25A-12.4G500W30 / 033-03****Mechanical Data**

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Coupling Nut Retention	≥ 450 N
Center Contact Captivation: axial	≥ 28 N
Coupling Test Torque	1.70 Nm max.
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