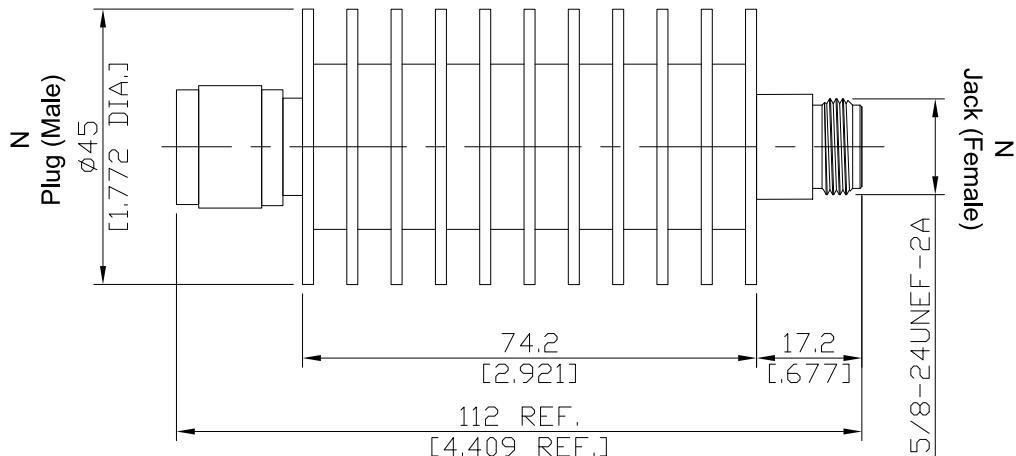




Fixed Attenuator N Male To N Female Up To 6 GHz  
Rated To 50 Watts 20dB

**FA-N1N25A-6G50W20 / 933-93**



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; MIL-PRF-39012

#### Electrical Data

Impedance

50 Ω

Frequency

DC to 6 GHz

VSWR (Return Loss)

≤ 1.2 (≥ 20.83 dB)

Power handling

50 Watts Average at 25°C

Peak Power

5000 Watts (5 µSec Pulse Width, 1% Duty Cycle)

#### Accuracy Of Attenuation

Nominal Attenuation(dB)	20
Deviation (± dB)	0.4

#### Material And Plating

Piece Parts (N)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Brass	Nickel
Heatsink	Aluminum	Black anodized
Piece Parts (N)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	



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**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