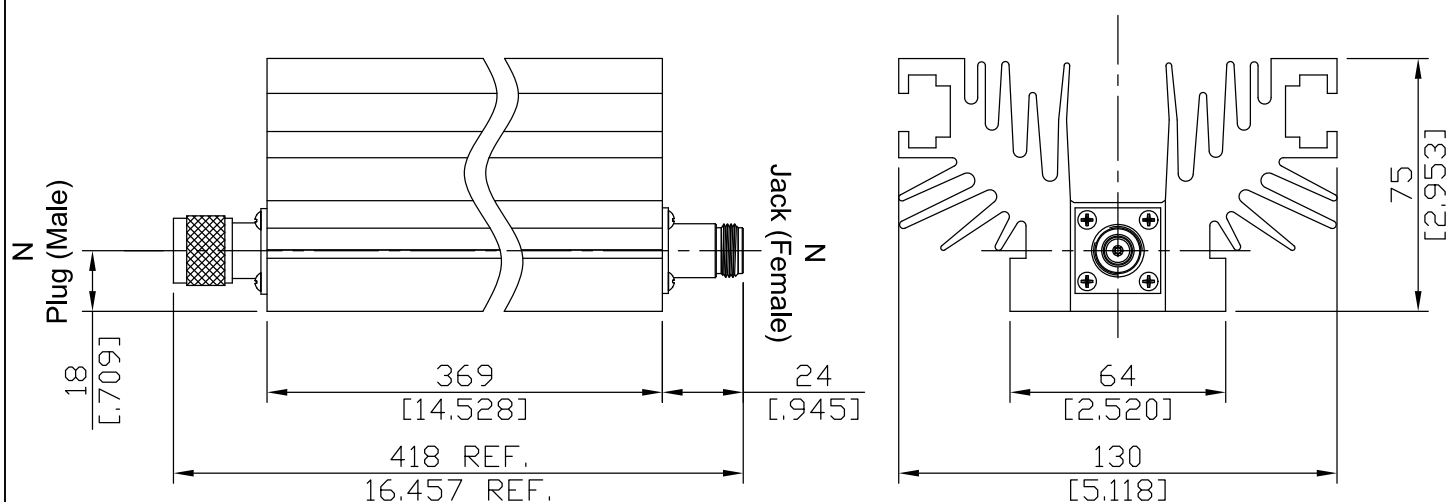


Fixed Attenuator N Male To N Female Up To 6  
GHz Rated To 500 Watts 30dB

**FA-N1N25A-6G500W30 / 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; MIL-PRF-39012

**Electrical Data**

Impedance

50  $\Omega$

Frequency

DC to 6 GHz

VSWR

$\leq 1.35$  ( $\geq 16.54$  dB)

Power Rating

500 Watts Average at 25°C

**Accuracy Of Attenuation & Power**

Nominal Attenuation(dB)	30
Deviation ( $\pm$ dB)	-1.2 / +1.5

**Material And Plating**

Piece Parts (N)	Material	Plating
Centre contact	Brass	Gold plating
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Heatsinks	Aluminum	Black anodized
Piece Parts (N)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating
Body	Brass	Nickel
Insulator	PTFE	

Fixed Attenuator N Female To N Female Up To 6  
GHz Rated To 500 Watts 30dB

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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
Weight	4.5 Kg

**Environmental Data**

Temperature Range	-55°C to +125°C
RoHS	compliant

**Packing**

Single or 100