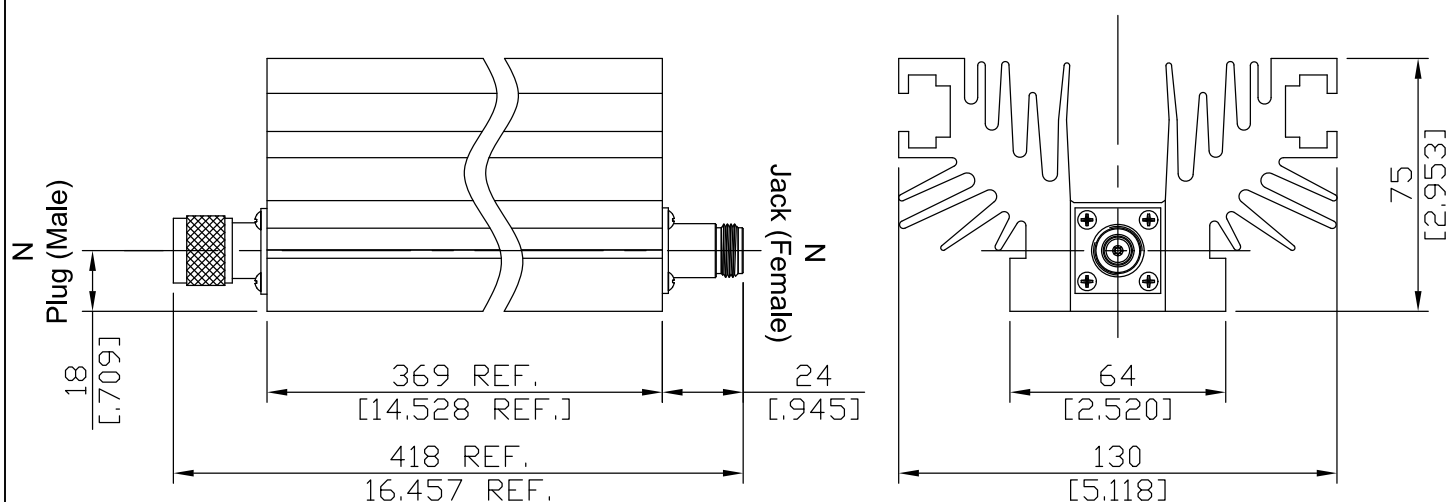


Fixed Attenuator N Male To N Female Up To 3 GHz  
Rated To 500 Watts 20dB

**FA-N1N25A-3G500W20 / 133-93**



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  $\Omega$

Frequency

DC to 3 GHz

VSWR

$\leq 1.3$  ( $\geq 17.69$  dB)

Power Rating

500Watts Average at 25°C

**Accuracy Of Attenuation & Power**

|                         |           |
|-------------------------|-----------|
| Nominal Attenuation(dB) | 20        |
| Deviation ( $\pm$ dB)   | -1.0/+1.2 |

**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  | Beryllium Copper | Gold plating   |
| Body            | Brass            | Nickel         |
| Insulator       | PTFE             |                |

**Fixed Attenuator N Male To N Female Up To 3 GHz  
Rated To 500 Watts 20dB**

**FA-N1N25A-3G500W20 / 133-93**

**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