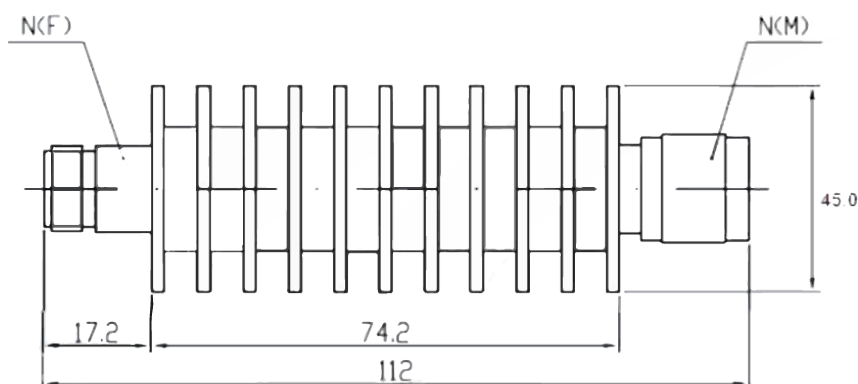


Fixed Attenuator plug/jack  
N plug (male) / N jack (female)

FA-N1N25A-6G50W6/133-H3



All dimensions are in mm

### Interface

According to IEC 61169-16; CECC 22210; MIL-C-39012; MIL-STD-348A/304

### Electrical Data

Impedance 50  $\Omega$   
Frequency DC to 6 GHz  
VSWR (Return Loss)  $\leq 1.20$  ( $\geq 20.8$  dB)  
Power rating 50 Watt average power up to 25 °C (derates linearly to 0.5 at 125 °C)  
Peak Power 5000 W

### Attenuation & Accuracy

| Nominal ATTN (dB) | Deviation (dB) |
|-------------------|----------------|
| 1 through 9       | $\pm 0.4$      |
| 10                | $\pm 0.4$      |
| 20                | $\pm 0.4$      |
| 30                | $\pm 0.5$      |
| 40                | $\pm 0.75$     |

### Mechanical Data

Coupling mechanisms Screw-lock

### Environmental Data

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

### Material And Plating

| Piece Parts (N) | Material        | Plating                          |
|-----------------|-----------------|----------------------------------|
| Centre contact  | Brass           | Gold plating(Nickel underplated) |
| Body            | Brass           | Nickel                           |
| Insulator       | PTFE            |                                  |
| Gasket          | Silicone Rubber |                                  |
| Coupling Nut    | Brass           | Nickel                           |

| Piece Parts (N) | Material        | Plating                          |
|-----------------|-----------------|----------------------------------|
| Centre contact  | Phosphor Bronze | Gold plating(Nickel underplated) |
| Body            | Brass           | Nickel                           |
| Insulator       | PTFE            |                                  |

### Packing

Single or 100