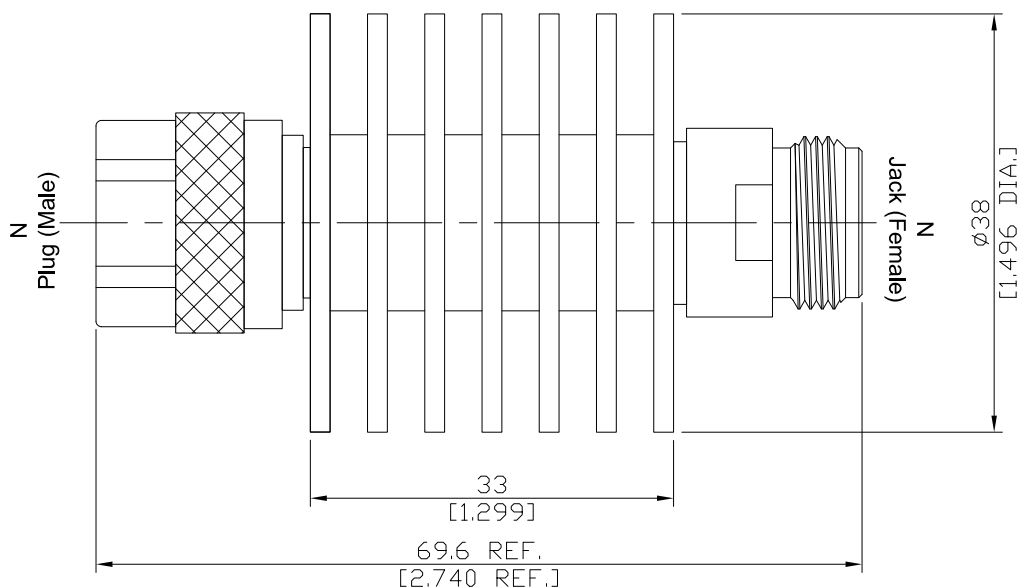


Fixed Attenuator N Male To N Female Up To 4 GHz Rated To 25 Watts 40dB

FA-N1N25A-4G25W40 / 144-94



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 Range

DC to 4 GHz

VSWR (Return Loss)

≤ 1.25 (≥ 19.08 dB)

Input Power

25 Watts Avg. @ 25 °C

Accuracy Of Attenuation & Power

| | |
|-------------------------|-----|
| Nominal Attenuation(dB) | 40 |
| Deviation (\pm dB) | 0.8 |

Material And Plating

| Piece Parts (N) | Material | Plating |
|-----------------|------------------|-----------------------|
| Centre Contact | Brass | Gold plating |
| Body | Brass | Copper-Tin-Zinc Alloy |
| Insulator | PTFE | |
| Gasket | Silicone Rubber | |
| Coupling Nut | Brass | Copper-Tin-Zinc Alloy |
| Heatsinks | Aluminum | Black anodized |
| Piece Parts (N) | Material | Plating |
| Centre Contact | Beryllium Copper | Gold plating |
| Body | Brass | Copper-Tin-Zinc Alloy |
| Insulator | PTFE | |

Fixed Attenuator N Male To N Female Up To 4 GHz Rated To 25 Watts 40dB

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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. |

Environmental Data

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

Packing

Single or 100