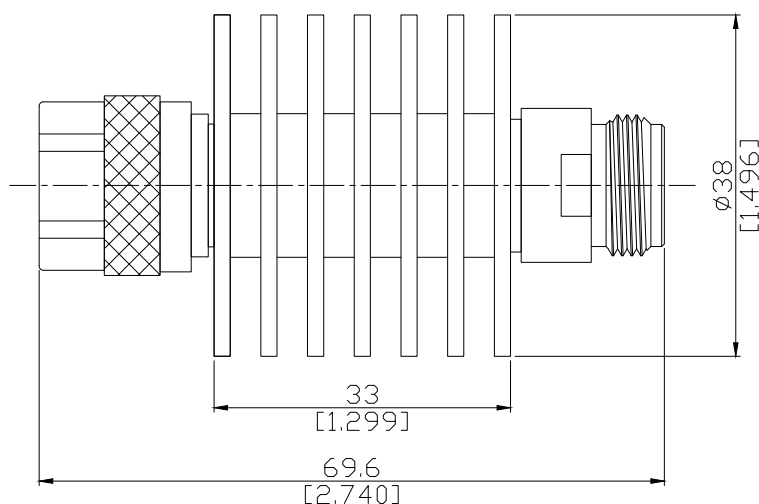


Fixed Attenuator N Male To N Female Up To 4 GHz Rated To 25 Watts 6dB

## FA-N1N25A-4G25W6 / 144-94



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

According to

IEC 60169-16; MIL-STD-348A/402; CECC 22210

### Electrical Data

Impedance

50  $\Omega$

Frequency Range

DC to 4 GHz

Input Power

25 Watts Avg. @ 25 °C

|                          |           |
|--------------------------|-----------|
| Frequency (GHz)          | DC - 4    |
| VSWR                     | 1.35      |
| Nominal Attenuation (dB) | 6         |
| Deviation ( $\pm$ dB)    | -0.8/+1.0 |

### Material And Plating

| Piece Parts    | Material         | Plating                                                                                    |
|----------------|------------------|--------------------------------------------------------------------------------------------|
| Centre Contact | Brass            | Gold plating, 3 $\mu$ inch<br>(Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch) |
| Body           | Brass            | Copper-Tin-Zinc Alloy                                                                      |
| Insulator      | PTFE             |                                                                                            |
| Gasket         | Silicone Rubber  |                                                                                            |
| Coupling Nut   | Brass            | Copper-Tin-Zinc Alloy                                                                      |
| Piece Parts    | Material         | Plating                                                                                    |
| Centre Contact | Beryllium Copper | Gold plating, 3 $\mu$ inch<br>(Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch) |
| Body           | Brass            | Copper-Tin-Zinc Alloy                                                                      |
| Insulator      | PTFE             |                                                                                            |

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:  
Date:  
12/7/2020

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Fixed Attenuator N Male To N Female Up To 4 GHz Rated To 25 Watts 6dB

## FA-N1N25A-4G25W6 / 144-94

### 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                     |
| 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