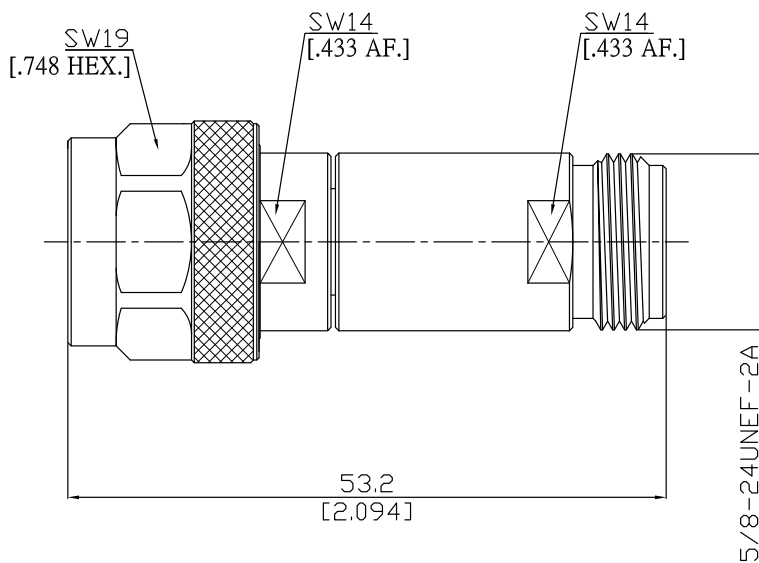


Fixed Attenuator plug/jack
N plug (male) / N jack (female)

FA-N1N25A-12.4G2W15/944-94



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to MIL-C-39012;MIL-STD-348A/304

Electrical Data

| | | | | |
|-----------------------|----------------------------------|-------------------------------|-------------------------------|--------------------------------|
| Impedance | 50 Ω | | | |
| Attenuation | 15 dB | | | |
| Frequency | DC to 12.4 GHz | | | |
| Frequency sub range | DC to 4 GHz | 4 to 8 GHz | 8 to 10 GHz | 10 to 12.4 GHz |
| VSWR (Return Loss) | ≤ 1.15 (≥ 23.13 dB) | ≤ 1.20 (≥ 20.8 dB) | ≤ 1.20 (≥ 20.8 dB) | ≤ 1.25 (≥ 19.08 dB) |
| Attenuation deviation | ± 0.3 dB | ± 0.4 dB | ± 0.5 dB | ± 0.5 dB |
| Power rating | 2 Watt average power up to 30 °C | | | |

Mechanical Data

| | |
|---------------------|------------|
| Coupling mechanisms | Screw-lock |
| Weight | N/A |

Environmental Data

| | |
|-------------------|-----------------|
| Temperature range | -55°C to +130°C |
| RoHS | compliant |

Material And Plating

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

Packing

Single or 100

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:
19/11/12

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