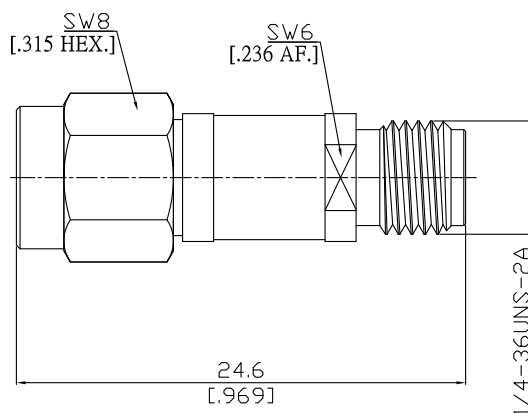


Fixed Attenuator 2 Watt  
SMA plug (male) / SMA jack (female)

FA-A1A25A-6G2W4/944-94



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

According to IEC 60169-15; MIL-STD-348A/310

#### Electrical Data

Impedance 50 Ω  
Interface frequency max. DC to 6 GHz  
VSWR (Return Loss) 1-20 dB: ≤ 1.20 (≥20.83 dB) 21-30 dB: ≤ 1.25 (≥19.08 dB)  
Power handling (Watt) 2 Watts average to 25°C

#### Maximum Deviation Over Frequency

| Nominal ATTN (dB) | Deviation (dB) |
|-------------------|----------------|
| 1-10              | ±0.5           |
| 11-30             | ±0.5           |

#### Mechanical Data

Coupling mechanisms Screw-lock  
Weight N/A

#### Environmental Data

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

#### Material And Plating

| Connector parts | 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             |
| Resistor        | Thick film       |                                   |

| Connector parts | Material         | Plating                           |
|-----------------|------------------|-----------------------------------|
| Centre contact  | Beryllium Copper | Gold plating (Nickel underplated) |
| Body            | Brass            | Copper-Tin-Zinc Alloy             |
| Insulator       | PTFE             |                                   |

#### Packing

Single or 100