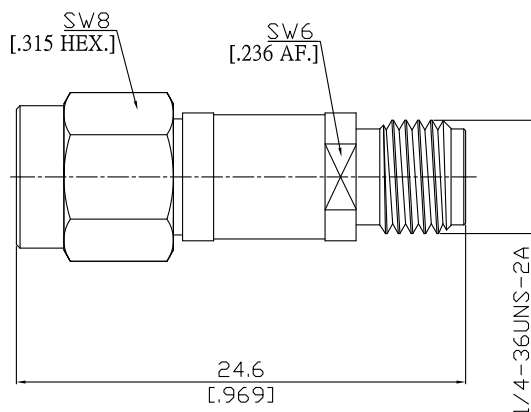


Fixed Attenuator 2 Watt  
SMA plug (male) / SMA jack (female)

FA-A1A25A-8G2W30/911-91



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

According to IEC 60169-15; MIL-C-39012; MIL-STD-348A/310

#### Electrical Data

Impedance 50  $\Omega$   
Interface frequency max. DC to 8 GHz  
VSWR (Return Loss)  $\leq 1.30$  ( $\geq 17.69$  dB)  
Power handling (Watt) 2 Watts average to 25°C

#### Maximum Deviation Over Frequency

| Nominal ATTN (dB) | Deviation (dB) |
|-------------------|----------------|
| 1-10              | $\pm 0.7$      |
| 11-30             | $\pm 0.7$      |

#### Mechanical Data

Coupling mechanisms Screw-lock  
Weight 0.0053 kg

#### 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            | Gold plating (Nickel underplated) |
| Insulator       | PTFE             |                                   |
| Gasket          | Silicone Rubber  |                                   |
| Coupling nut    | Brass            | Gold plating (Nickel underplated) |
| Resistor        | Thick film       |                                   |

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

#### Packing

Single or 100