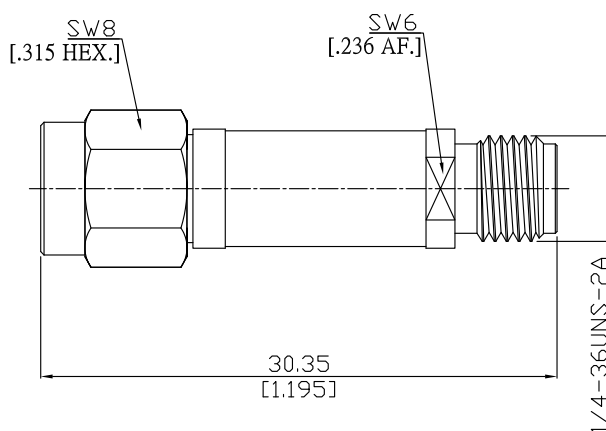


Fixed Attenuator 2 Watt  
SMA plug (male) / SMA jack (female)

FA-A1A25A-6G2W60/911-91



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

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

#### Electrical Data

Impedance 50 Ω  
Interface frequency max. DC to 6 GHz  
VSWR (Return Loss) ≤ 1.35 (≥ 16.54 dB)  
Power handling (Watt) 2 Watts average to 25°C

#### Maximum Deviation Over Frequency

| Nominal Attenuation | Deviation: DC-2 GHz | Deviation (dB): 2-5 GHz | Deviation (dB): 5-6 GHz |
|---------------------|---------------------|-------------------------|-------------------------|
| 40 dB               | +/- 0.4 dB          | +/- 0.6 dB              | +/- 1.0 dB              |
| 50 dB               | +/- 0.5 dB          | +/- 1.5 dB              | +/- 4.0 dB              |
| 60 dB               | +/- 0.5 dB          | +/- 3.0 dB              | +/- 8.0 dB              |

#### Mechanical Data

Coupling mechanisms Screw-lock  
Weight 0.0053 kg

#### Environmental Data

Temperature range -55°C to +85°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