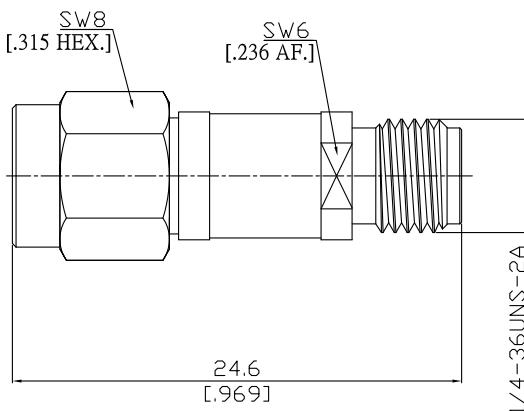


Fixed Attenuator 2 Watt  
 SMA plug (male) / SMA jack (female)

FA-A1A25A-6G2W7/911-91



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 Ω

Interface frequency max.

DC to 6 GHz

VSWR (Return Loss)

 1-20 dB: ≤ 1.20 ( $\geq$ 20.83 dB) 21-30 dB: ≤ 1.25 ( $\geq$ 19.08 dB)

Power handing (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

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

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.:

Rosnol RF/Microwave Technology

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Page

1/1