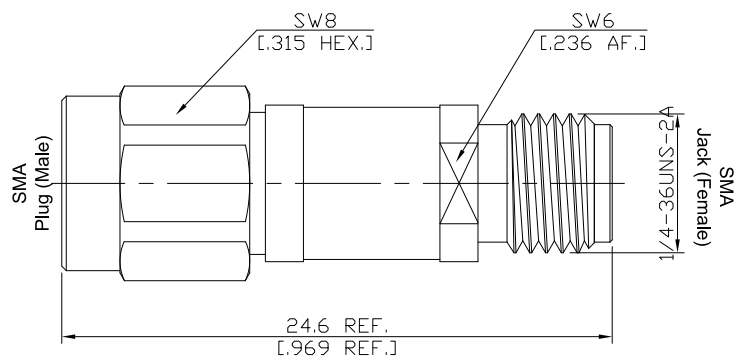


1 dB Fixed Attenuator, SMA Plug (Male) to SMA Jack (Female),
DC - 10 GHz, 2 W

FA-A1A25A-10G2W1 / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-15; CECC 22110; MIL-PRF-39012; MIL-STD-348B/310; EN 122110

Electrical Data

Impedance

50 Ω

Frequency

DC to 10 GHz

VSWR (Return Loss)

≤ 1.35 (≥ 16.54 dB)

Average power at 25°C

2 W

Accuracy Of Attenuation & Power

Nominal Attenuation(dB)

1

Deviation (± dB)

0.5

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Stainless Steel	Passivated
Piece Parts (SMA)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	

Mechanical Data

Coupling mechanisms

Screw-On

Mating Cycles

≥ 500

Center Contact Captivation: axial

≥ 27 N

Coupling Test Torque

max. 1.7 Nm

Recommended Torque

0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range

-55°C to +85°C

RoHS

compliant

Packing

Single or 100