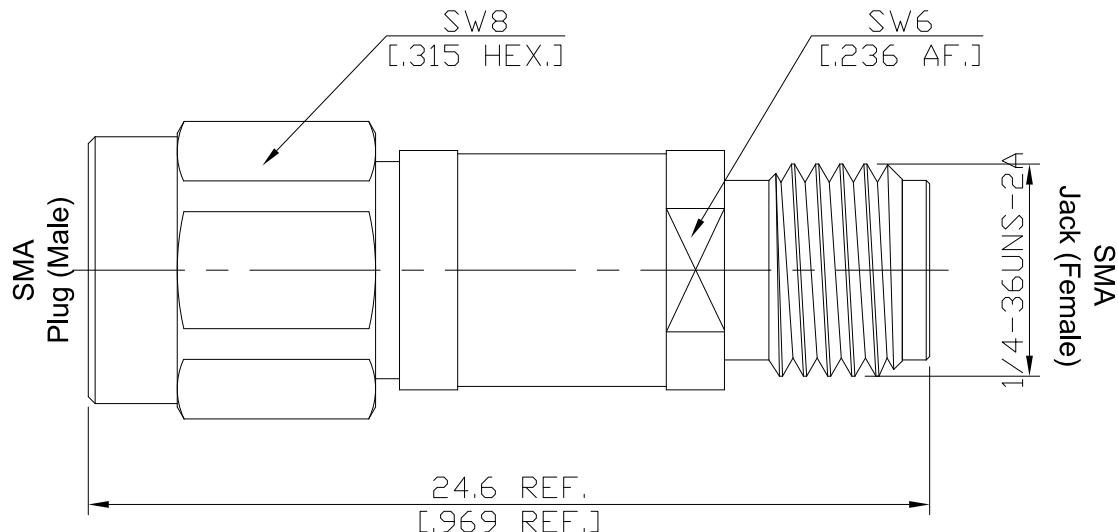


Fixed Attenuator SMA Plug (Male) / SMA Jack (Female)
DC-4 GHz, 2 Watt, VSWR \leq 1.25

FA-A1A25A-4G2W3 / 911-91



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 4GHz

VSWR (Return Loss)

\leq 1.25 (\geq 19.08 dB)

Power handling (Watt)

2Watts average to 25°C

Accuracy Of Attenuation & Power

Nominal Attenuation (dB)	3
Deviation (\pm dB)	0.3

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Gold plating (Non-magnetic nickel-phosphorus underplating)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Gold plating (Non-magnetic nickel-phosphorus underplating)
Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Gold plating (Non-magnetic nickel-phosphorus underplating)
Insulator	PTFE	

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation: axial	≥ 27 N
radial	≥ 3 Ncm
Coupling test torque	≤ 1.7 Nm
Recommended torque	0.57 Nm

Environmental Data

Temperature Range -65 °C to +125 °C
RoHS compliant

Packing

Single or 100