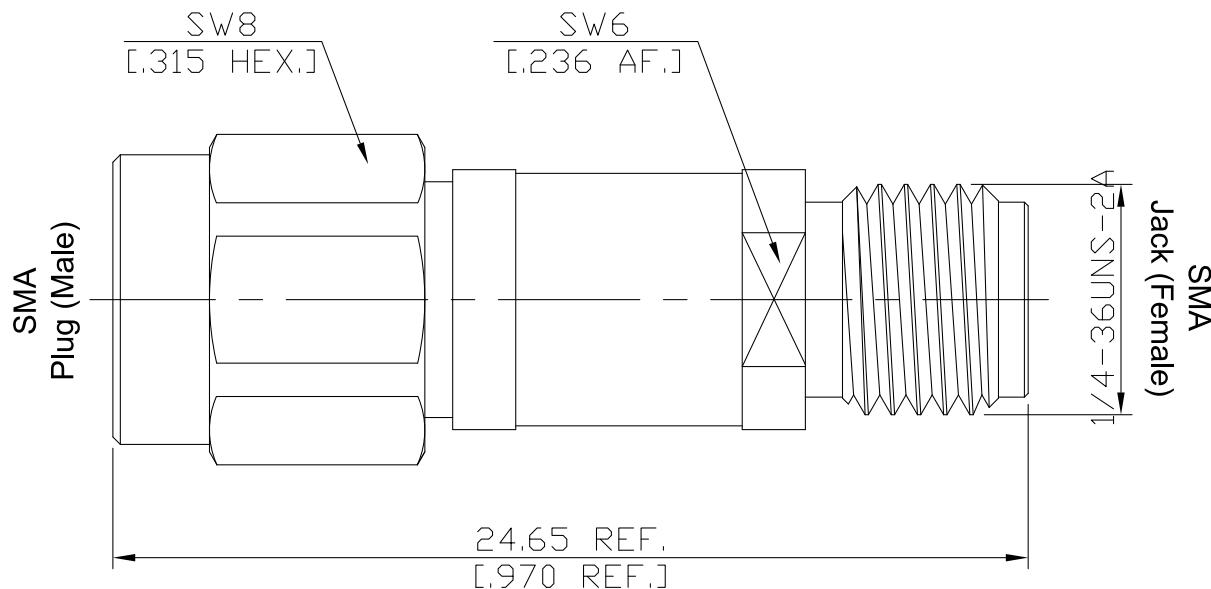




Fixed Attenuator SMA plug (male) / SMA jack (female)
DC-3 GHz, 2 Watt, VSWR \leq 1.25

FA-A1A25A-3G2W6 / 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 3GHz

VSWR (Return Loss)

≤ 1.25 (≥ 19.08 dB)

Power handling (Watt)

2Watts average to 25°C

Accuracy Of Attenuation & Power

Nominal Attenuation (dB)	6
Deviation (\pm dB)	0.5

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	\geq 500
Center contact captivation: axial	\geq 27 N
radial	\geq 3 Ncm
Coupling test torque	\leq 1.7 Nm
Recommended torque	0.8 Nm to 1.1 Nm

Environmental Data

Temperature Range	-55 °C to +85 °C
RoHS	compliant

Packing

Single or 100