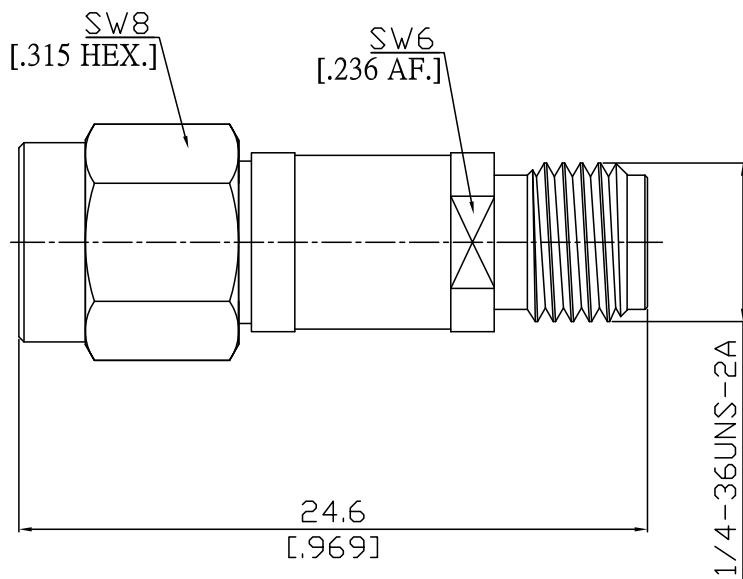


Fixed Attenuator SMA plug (male) / SMA jack (female)  
 DC-4 GHz, 2 Watt, VSWR  $\leq$  1.25

## FA-A1A25A-4G2W8 / 9XX-9X



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  $\Omega$ 

Frequency

DC to 4 GHz

VSWR (Return Loss)

 $\leq 1.25$  ( $\geq 19.08$  dB)

Power handling (Watt)

2 Watts average to 25°C

**Maximum Deviation Over Frequency**

Nominal ATTN (dB)	Deviation (dB)
1-10	$\pm 0.5$
11-30	$\pm 0.5$

**Material And Plating**

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 $\mu$ inch (Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch)
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, 3 $\mu$ inch (Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch)
Body	Stainless Steel	Passivated
Insulator	PTFE	

Fixed Attenuator SMA plug (male) / SMA jack (female)  
DC-4 GHz, 2 Watt, VSWR  $\leq$  1.25

**FA-A1A25A-4G2W8 / 9XX-9X**

**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	-65°C to +155°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

**Packing**

Single or 100