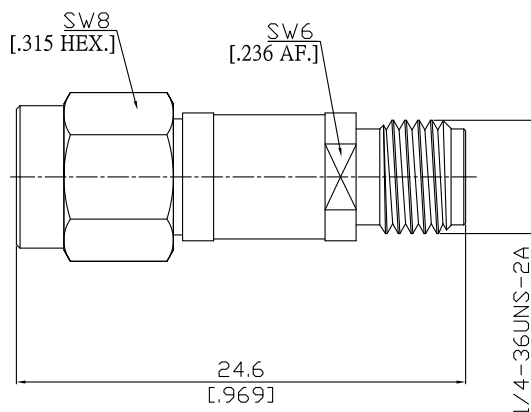




Fixed Attenuator 1 Watt  
SMA plug (male) / SMA jack (female)

FA-A1A25A-6G1W20/9XX-9X



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  $\Omega$   
Interface frequency max. DC to 6 GHz  
VSWR (Return Loss)  $\leq 1.30$  ( $\geq 17.69$  dB)  
Power handling (Watt) 1 Watt average to 25°C

#### Maximum Deviation Over Frequency

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

#### Mechanical Data

Coupling mechanisms Screw-lock  
Weight N/A

#### Environmental Data

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

#### Material And Plating

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Resistor	Thick film	

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	

#### Packing

Single or 100