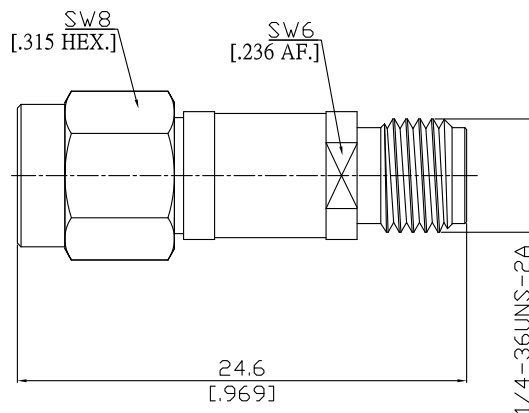


Fixed Attenuator 2 Watt
SMA plug (male) / SMA jack (female)

FA-A1A25A-6G2W20/944-94



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 60169-15; MIL-STD-348A/310

Electrical Data

Impedance 50 Ω
Interface frequency max. DC to 6 GHz
VSWR (Return Loss) 1-20 dB: ≤ 1.20 (≥ 20.83 dB) 21-30 dB: ≤ 1.25 (≥ 19.08 dB)
Power handling (Watt) 2 Watts average to 25°C

Maximum Deviation Over Frequency

Nominal ATTN (dB)	Deviation (dB)
1-10	± 0.5
11-30	± 0.5

Mechanical Data

Coupling mechanisms Screw-lock
Weight N/A

Environmental Data

Temperature range -55°C to +125°C
RoHS compliant

Material And Plating

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Resistor	Thick film	

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

Packing

Single or 100