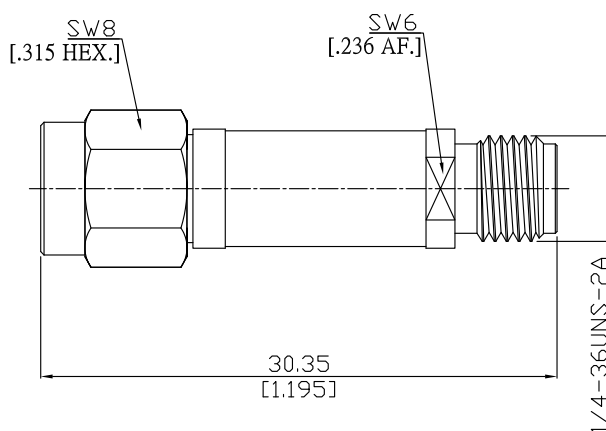


Fixed Attenuator 2 Watt
SMA plug (male) / SMA jack (female)

FA-A1A25A-6G2W40/911-91



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 Ω
Interface frequency max. DC to 6 GHz
VSWR (Return Loss) ≤ 1.35 (≥ 16.54 dB)
Power handling (Watt) 2 Watts average to 25°C

Maximum Deviation Over Frequency

Nominal Attenuation	Deviation: DC-2 GHz	Deviation (dB): 2-5 GHz	Deviation (dB): 5-6 GHz
40 dB	+/- 0.4 dB	+/- 0.6 dB	+/- 1.0 dB
50 dB	+/- 0.5 dB	+/- 1.5 dB	+/- 4.0 dB
60 dB	+/- 0.5 dB	+/- 3.0 dB	+/- 8.0 dB

Mechanical Data

Coupling mechanisms Screw-lock
Weight 0.0053 kg

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

Packing

Single or 100