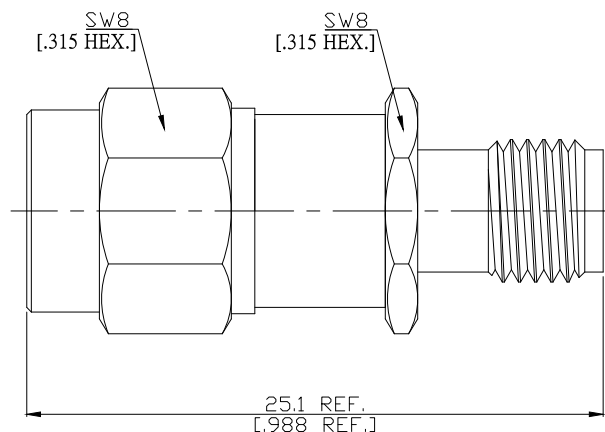


SMA plug (male) to SMA Jack (Female)
Fixed Attenuator 2 Watt DC-18GHz VSWR1.35

FA-A1A25B-18G2W25 / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-15; MIL-STD-348B/310

Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.6 (≥ 12.74 dB)

Power handling

2 watts average to 25°C

(5 μ Sec Pulse, 0.05% Duty Cycle)

PEAK: 250 WATTS

Maximum Deviation Over Frequency

Nominal ATTN (dB)	20 dB	25, 30 dB
Deviation (dB)	± 0.80	± 1.00

Mechanical Data

Coupling mechanisms

Screw-lock

Mating Cycles

≥ 500

Environmental Data

Temperature Range

-65°C to +125°C

RoHS

compliant

Material And Plating

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

Packing

Single or 100