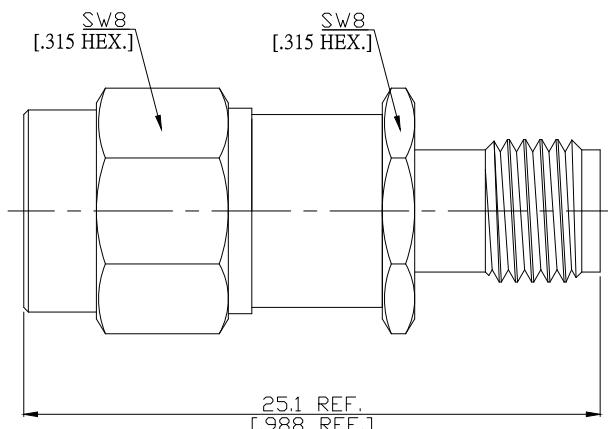


SMA plug (male) to SMA Jack (Female)  
 Fixed Attenuator 2 Watt DC-18GHz VSWR1.35

## 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 ( $\geq 12.74$  dB)

Power handling

2 watts average to 25°C

(5 μSec 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 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
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 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	

**Packing**

Single or 100

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:-

 Date:  
 JUL/16/2021

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