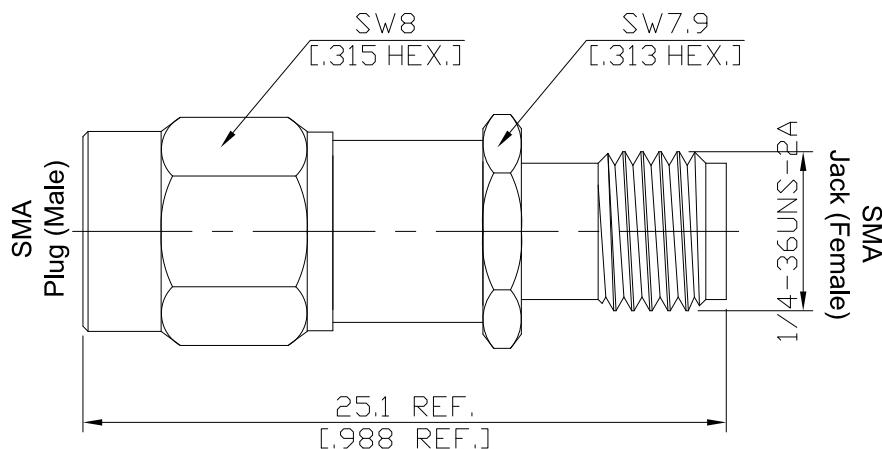


Fix Attenuator SMA Plug (Male) / SMA Jack (Female)
2Watts Up to 18 GHz, VSWR \leq 1.6

FA-A1A25B-18G2W20 / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-15; CECC 22110; MIL-PRF-39012; MIL-STD-348B/310; EN 122110

Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

$\leq 1.6 (\geq 12.74 \text{ dB})$

Input Power Rating

2Watts average to 25°C

Accuracy Of Attenuation & Power

Nominal Attenuation (dB)	20
Deviation (\pm dB)	0.8

Material And Plating

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

Fix Attenuator SMA Plug (Male) / SMA Jack (Female)
2Watts Up to 18 GHz, VSWR \leq 1.6

FA-A1A25B-18G2W20 / 9XX-9X

Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation: axial	≥ 27 N
radial	≥ 3 Ncm
Coupling test torque	≤ 1.7 Nm
Recommended torque	0.8 Nm to 1.1 Nm

Environmental Data

Temperature Range -40°C to +125°C
RoHS compliant

Packing

Single or 100