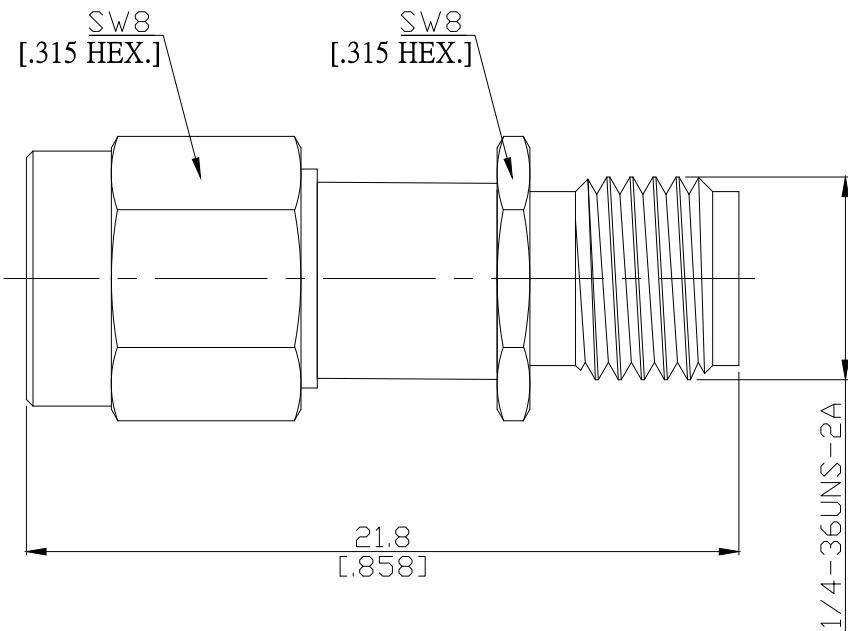


Fix Attenuator SMA pug (male) / SMA jack (female)
 2Watts Up to 6GHz, 6dB, V SWR \leq 1.20

FA-A1A25B-6G2W6 / 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 SMA; MIL-STD-348/310

Electrical Data

Impedance

50 Ω

Frequency

DC to 6GHz

VSWR (Return Loss)

≤ 1.2 (≥ 20.83 dB)

Power handling (Watt)

2Watts average to 25°C

Accuracy Of Attenuation & Power

Nominal Attenuation (dB)	6
Deviation (\pm dB)	0.3

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
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(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	

Fix Attenuator SMA plug (male) / SMA jack (female)
2Watts Up to 6GHz, 6dB, V SWR \leq 1.20

FA-A1A25B-6G2W6 / 9XX-9X

Mechanical Data

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

Environmental Data

Temperature Range	-65°C to +125°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100