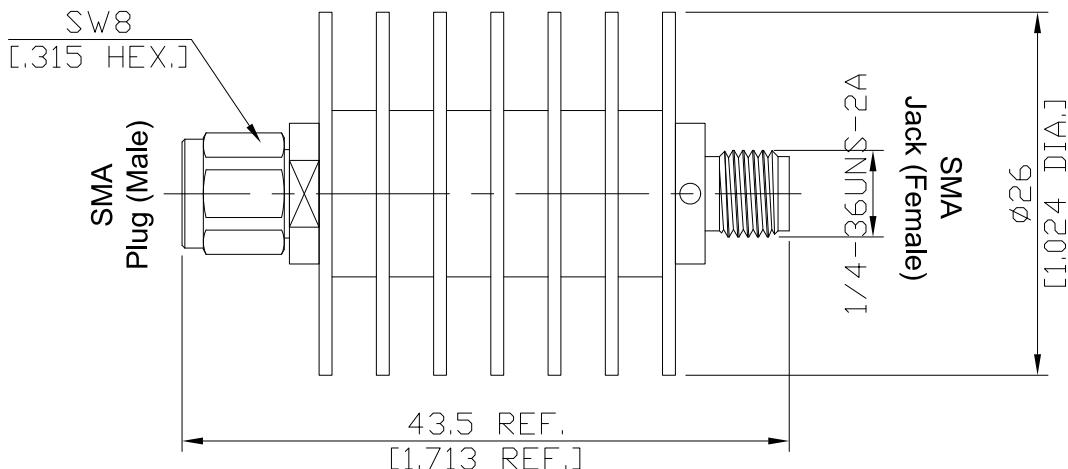


Fixed Attenuator SMA Male To SMA Female Up To 18 GHz Rated To 10 Watts With Black Anodized Aluminum Heatsink Body

FA-A1A25A-18G10W40 / 933-93



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)

≤ 1.3 (≥ 17.69 dB)

Power handling (Watt)

10W corresponds to an ambient temperature of 25°C, when the temperature rises to 125°C, the power decreases linearly to 1W

Accuracy Of Attenuation & Power

Nominal Attenuation (dB)	40
Deviation (\pm dB)	-0.6/+1.2

Material And Plating

Piece Parts	Material	Plating
Centre Contact	Brass	Gold plating
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Brass	Nickel
Heatsink	Aluminum	Black anodized
Piece Parts	Material	Plating
Centre Contact	Brass	Gold plating
Body	Brass	Nickel
Insulator	PTFE	

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Center contact captivation: axial	$\geq 27 \text{ N}$
radial	$\geq 3 \text{ Ncm}$
Coupling Test Torque	1.70 Nm
Recommended Torque	0.57 Nm

Environmental Data

Temperature Range
RoHS

Packing

Single or 100