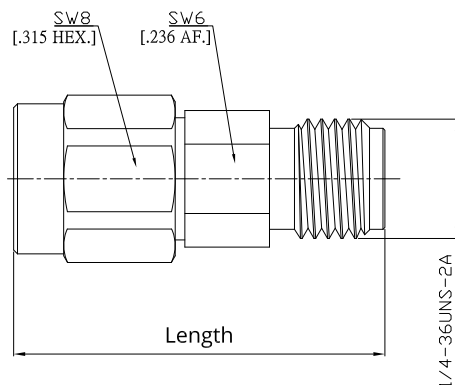




SMA

Fixed Attenuator
Plug (Male) / Jack (Female)
Up to 18GHz, 2 Watts

FA-A1A25C-18G2W2/9XX-9X



Attenuation Values (dB)	Length (mm/inches)
0 — 12	19.3 / .760
13 — 30	22.6 / .890

- : Attenuation Value

All dimensions are in mm

Tolerances according to DIN ISO 2768-mH

Interface

According to MIL-STD-348A/310

Electrical Data

Impedance 50 Ω
Frequency DC to 18 GHz
VSWR (Return Loss) ≤ 1.35 (≥ 16.54 dB)
Input power handling 2 watts average @ 25°C
Peak power 250 Watts Max.
Standard dB values 0-30 dB

Attenuation Accuracy

Attenuation Values (dB)	Accuracy (dB)
0 — 6	± 0.30
7 — 20	± 0.40
21 — 30	± 0.70

Mechanical Data

Coupling mechanisms Screw-lock
Weight N/A

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(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	

Packing

Single