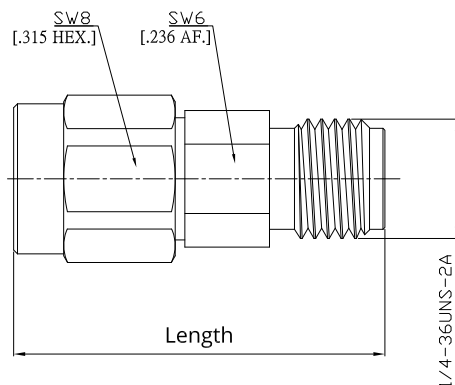



**SMA**
**Fixed Attenuator**  
**Plug (Male) / Jack (Female)**  
**Up to 18GHz, 2 Watts**
**FA-A1A25C-18G2W4/9XX-9X**


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  $\Omega$   
 Frequency DC to 18 GHz  
 VSWR (Return Loss)  $\leq 1.35$  ( $\geq 16.54$  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	$\pm 0.30$
7 — 20	$\pm 0.40$
21 — 30	$\pm 0.70$

**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