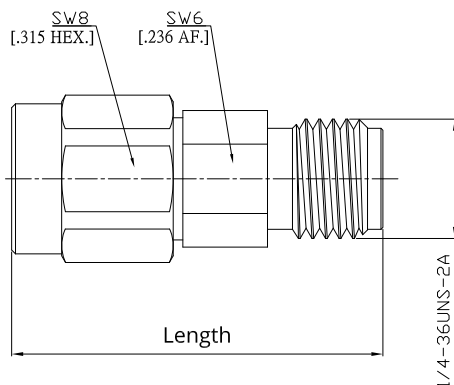




SMA

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

FA-A1A25C-18G2W1/9XX-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