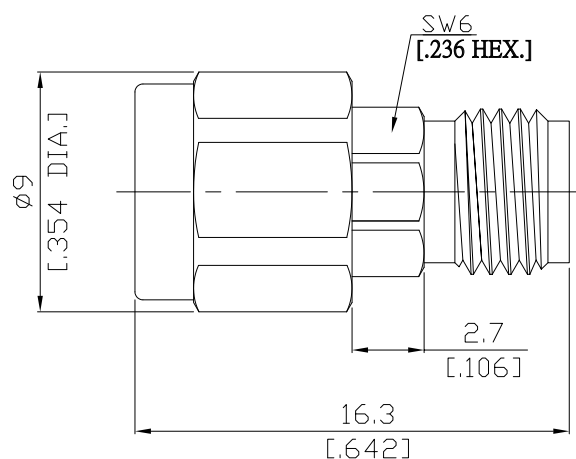


Fixed Attenuator plug/jack  
Precision SMA plug (male) / Precision SMA jack (female)

FA-PCA1PCA25A-26.5G2W8/9XX-9X



- : Means attenuation value  
All dimensions are in mm

#### Interface

According to IEC 60169-15; MIL-STD-348B/310

#### Electrical Data

Impedance 50  $\Omega$   
Frequency DC to 26.5 GHz  
VSWR (Return Loss)  $\leq 1.25$  ( $\geq 19.08$  dB)  
Attenuation tolerance 1-20 dB:  $\pm 0.5$  dB 21-30 dB:  $\pm 0.6$  dB  
Average power handling 2 W at 25 °C  
Peak Power 200 W (0.05 % duty cycle; 5  $\mu$ Sec pulse width)

#### Mechanical Data

Coupling mechanisms Screw-lock  
Weight N/A

#### Environmental Data

Temperature range -55°C to +125°C  
RoHS compliant

#### Material And Plating

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

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

#### Packing

Single or 100