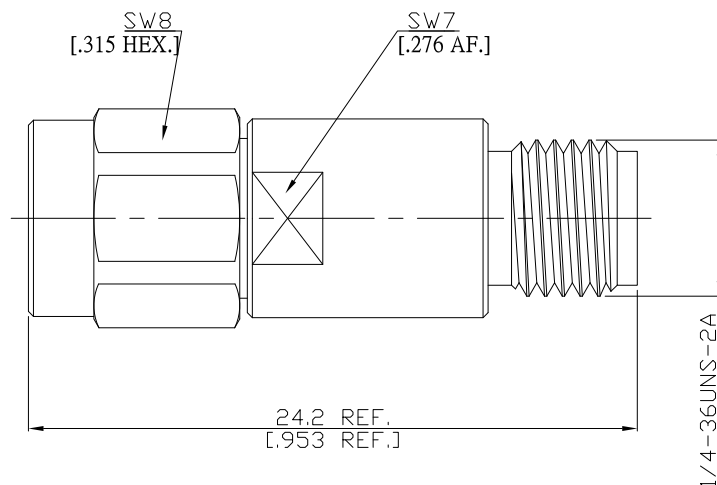


Fixed Attenuator plug/jack  
3.5mm plug (male) / 3.5mm jack (female)

FA-PC1PC25A-33G1W3/9XX-9X



- : Means attenuation value

All dimensions are in mm

#### Interface

According to IEEE Std 287-2007

#### Electrical Data

Impedance 50  $\Omega$   
Frequency DC to 33 GHz  
VSWR (Return Loss)  $\leq 1.3$  ( $\geq$  dB)  
Attenuation range 3, 6, 10, 20, 30 dB  
Attenuation tolerance  $\pm 0.5$  dB, 27 GHz (3, 6 dB)  
 $\pm 0.8$  dB, 33 GHz (3, 6 dB)  
 $\pm 0.6$  dB, 27 GHz (10, 20 dB)  
 $\pm 1.0$  dB, 33 GHz (10, 20 dB)  
Power handling  $\pm 0.8$  dB, 27 GHz (30 dB)  
 $\pm 1.0$  dB, 33 GHz (30 dB)  
1 W at 25 °C

#### Mechanical Data

Coupling mechanisms Screw-lock  
Weight N/A

#### Environmental Data

Temperature range -55°C to +100°C  
RoHS compliant

#### Material And Plating

Piece Parts (PC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (PC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated

#### Packing

Single or 100