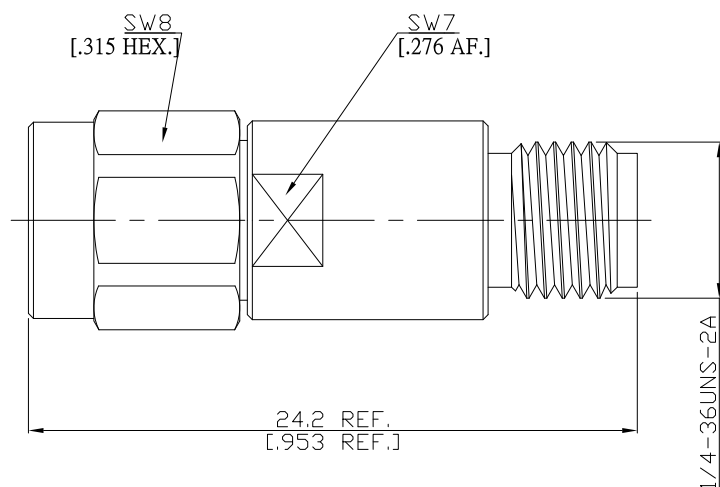


Fixed Attenuator plug/jack  
3.5mm plug (male) / 3.5mm jack (female)

FA-PC1PC25A-33G1W10/9XX-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 handing

 $\pm 0.8$  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