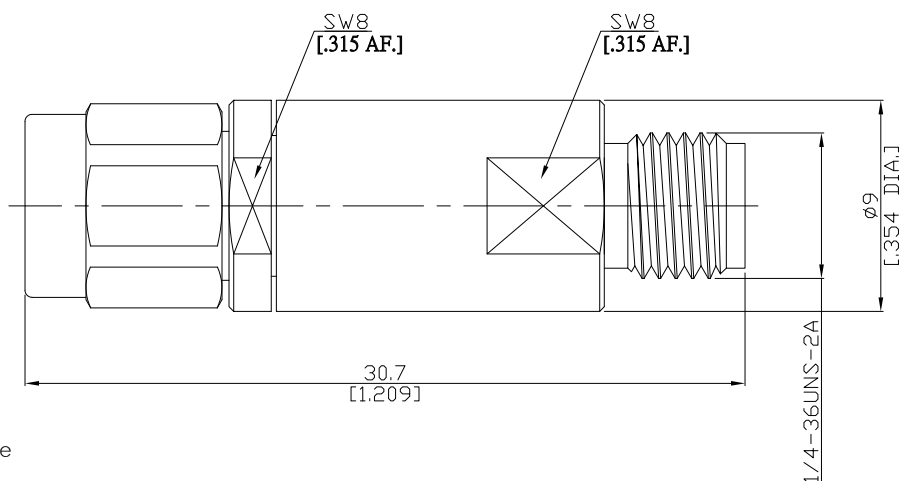


Precision
SMA

Fixed Attenuator
Plug (Male) / Jack (Female) 2 Watt

FA-PCA1PCA25A-27G2W3/9XX-9X



– : Means attenuation value

All dimensions are in mm

Interface

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

Electrical Data

Impedance 50 Ω
Frequency DC to 27 GHz
VSWR (Return Loss) DC-18 GHz: ≤ 1.25 (≥ 19.08 dB) / 18-27 GHz: ≤ 1.30 (≥ 17.69 dB)
Power handling 2 watts average to 25°C

Maximum Deviation Over Frequency

Nominal ATTN (dB)	Deviation (dB)
3, 6	DC-18GHz: ± 0.40 / 18-27GHz: ± 0.60
10, 20	DC-18GHz: ± 0.50 / 18-27GHz: ± 0.80
30	DC-18GHz: ± 0.60 / 18-27GHz: ± 0.80

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

Packing

Single or 100