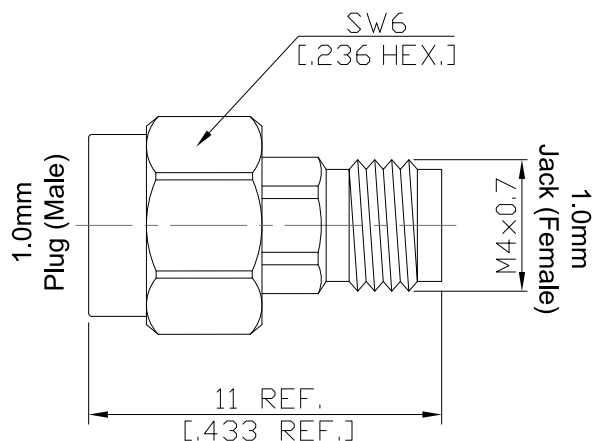


20 dB Fixed Attenuator, 1.0mm Plug (Male) to 1.0mm Jack (Female),
DC - 110 GHz, 1 W

FA-W1W25A-110G1W20 / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 61169-31; IEEE Std 287

Electrical Data

Impedance 50 Ω
Frequency DC to 110 GHz
VSWR (Return Loss) ≤ 1.60 (≥ 12.74 dB)
Average power at 25°C 1 W

Accuracy Of Attenuation & Power

Nominal Attenuation(dB) 20
Deviation (± dB) 1.5

Material And Plating

Piece Parts (1.0mm)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PEI	
Coupling Nut	Stainless Steel	Passivated
Piece Parts (1.0mm)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PEI	

Mechanical Data

Coupling mechanisms Screw-On
Mating Cycles ≥ 500
Center Contact Captivation: axial ≥ 10 N
Coupling Test Torque max. 0.7 Nm
Recommended Torque 0.45 Nm

Environmental Data

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

Packing

Single or 100