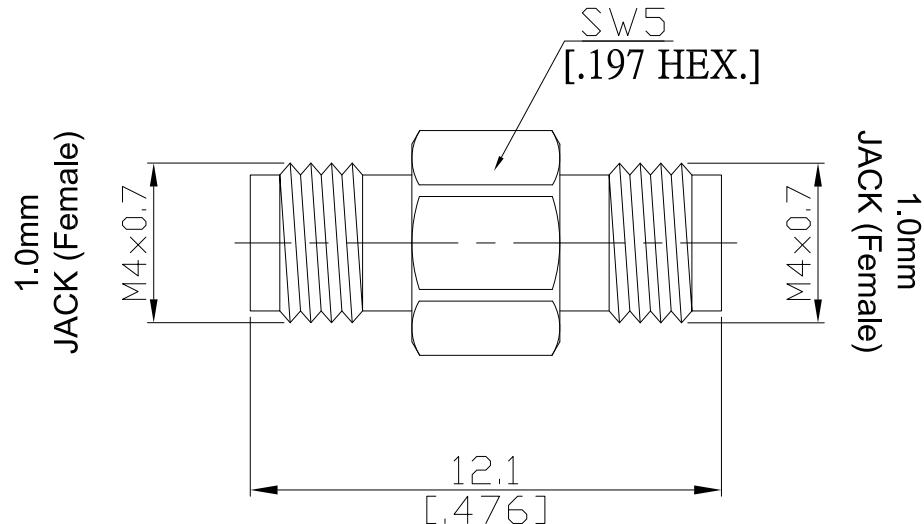




1.0mm jack (female) / 1.0mm jack (female) Adapter DC-110GHz

AD-W2W25A / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-31

Electrical Data

Impedance

50 Ω

Frequency

DC to 110 GHz

VSWR (Return Loss)

≤ 1.67 (≥ 12.01 dB)

Insertion Loss

≤ 0.05 x √F (GHz) dB

Center Contact Resistance

≤ 4 mΩ

Outer Contact Resistance

≤ 2 mΩ

Insulation Resistance

≥ 5 GΩ

Working voltage

150 V rms

RF Leakage

≥ 90 dB up to 1 GHz

Material And Plating

Piece Parts (1.0mm)

Material

Plating

Centre contact

Beryllium Copper

Gold plating

(Non-magnetic nickel-phosphorus underplating)

Body

Stainless Steel

Passivated

Insulator

PEI

Piece Parts (1.0mm)

Material

Plating

Centre contact

Beryllium Copper

Gold plating

(Non-magnetic nickel-phosphorus underplating)

Body

Stainless Steel

Passivated

Insulator

PEI

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Mechanical Data

Coupling mechanisms	1.0mm Side
Mating Cycles	Screw-lock
Maximum torque	≥ 500
Recommended Torque	0.70 Nm

Environmental Data

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

Packing

Standard	Single or 100
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