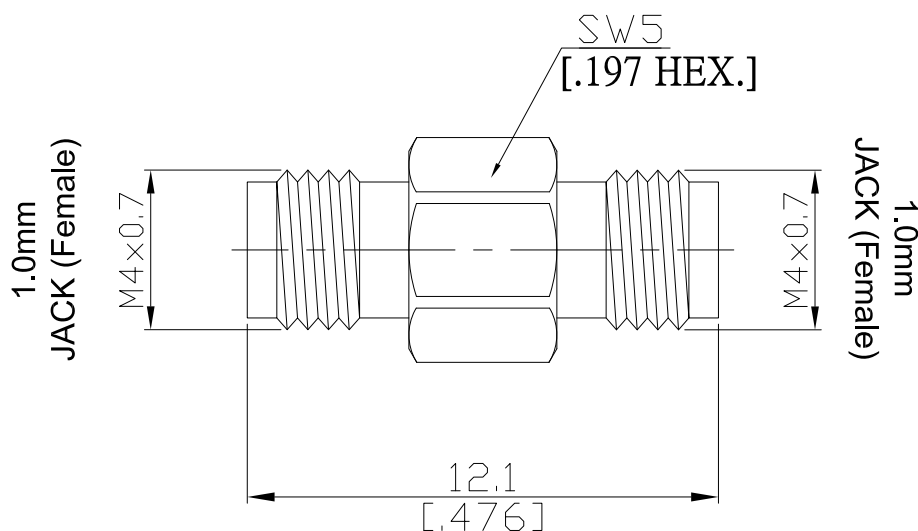


1.0mm jack (female) / 1.0mm jack (female) Adapter DC-110GHz

**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<br>(Non-magnetic nickel-phosphorus underplating) |
| Body                | Stainless Steel  | Passivated  |
| Insulator           | PEI              |   |
| Piece Parts (1.0mm) | Material         | Plating   |
| Centre contact      | Beryllium Copper | Gold plating<br>(Non-magnetic nickel-phosphorus underplating) |
| Body                | Stainless Steel  | Passivated  |
| Insulator           | PEI              |   |

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

## AD-W2W25A / 9X-9X

### Mechanical Data

|                     |            |
|---------------------|------------|
| Coupling mechanisms | 1.0mm Side |
| Mating Cycles       | Screw-lock |
| Maximum torque      | ≥ 500      |
| Recommended Torque  | 0.70 Nm    |
|                     | 0.35 Nm    |

### Environmental Data

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

### Packing

|          |               |
|----------|---------------|
| Standard | Single or 100 |
|----------|---------------|