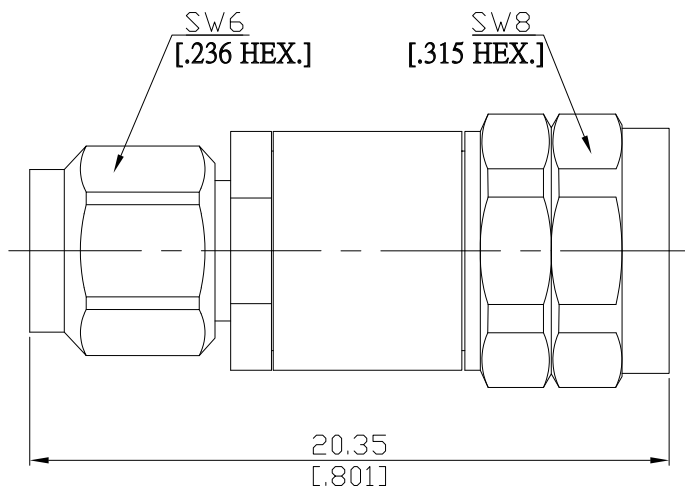


1.00mm plug (male) / 1.85mm plug (male) Straight Adaptor DC-67 GHz, VSWR ≤ 1.5

## AD-W1V15A / 9XX-9XX



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

1.00mm according to

IEC 61169-31

1.85mm according to

IEC 61169-32

### Electrical Data

Impedance

50 Ω

Frequency

DC to 67 GHz

VSWR (Return Loss)

≤ 1.5 (≥ 13.98 dB)

Insertion Loss

≤ 0.05 x √F (GHz) dB

### Mechanical Data

Coupling mechanisms

1.00mm side

1.85mm side

Screw-lock

Screw-lock

Mating cycles

≥ 500

≥ 500

Maximum torque

0.70 Nm

1.65 Nm

Recommended torque

0.35 Nm

0.90 Nm

Gauge

0.00 mm to 0.03 mm

0.00 mm to 0.05 mm

### Environmental Data

Temperature Range

-55°C to +165°C

RoHS

compliant

### Material And Plating

Piece Parts (1.00mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PEI	
Coupling nut	Stainless Steel	Passivated
Piece Parts (1.85mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PEI	
Coupling nut	Stainless Steel	Passivated

### Packing

Single or 100