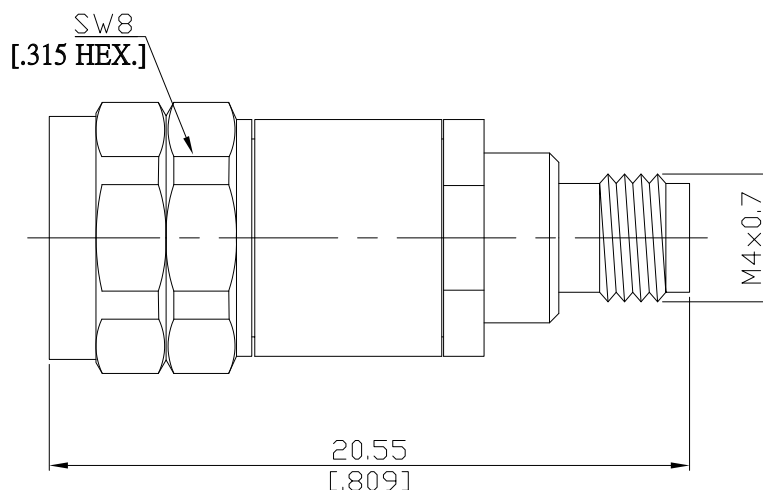


1.85mm plug (male) / 1.00mm jack (female) Straight Adaptor DC-67 GHz, VSWR ≤ 1.5

AD-V1W25A / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

1.85mm according to

IEC 61169-32

1.00mm according to

IEC 61169-31

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

1.85mm side

1.00mm side

Mating cycles

Screw-lock

Screw-lock

Maximum torque

≥ 500

≥ 500

Recommended torque

1.65 Nm

0.70 Nm

Gauge

0.90 Nm

0.35 Nm

0.00 mm to 0.05 mm

0.00 mm to 0.03 mm

Environmental Data

Temperature Range

-55°C to +165°C

RoHS

compliant

Material And Plating

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
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	

Packing

Singleor 100