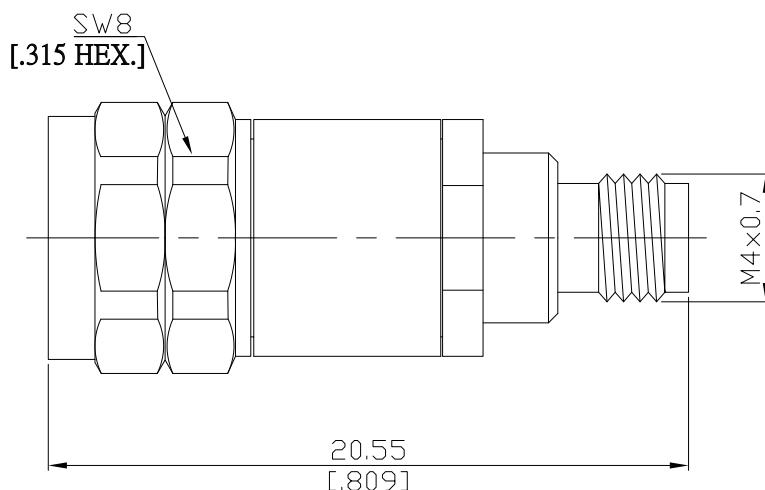


1.85mm plug (male) / 1.00mm jack (female) Straight Adaptor DC-67 GHz, VSWR ≤ 1.5

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

Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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