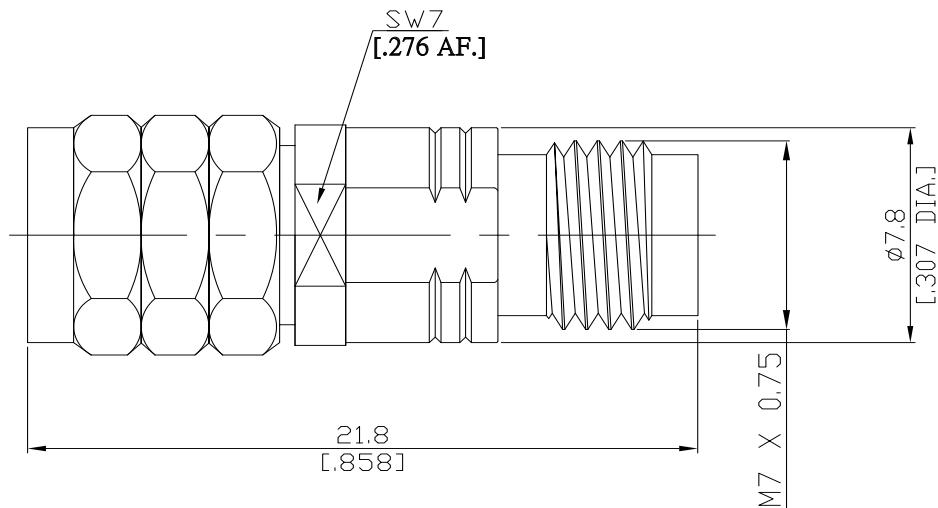


1.85mm plug (male) / 1.85mm jack (female) Straight Adaptor DC-67 GHz, VSWR ≤ 1.25

## AD-V1V25A / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

according to

IEC 61169-32

Mechanically compatible with

2.4mm

**Electrical Data**

Impedance

50 Ω

Frequency

DC to 67 GHz

VSWR (Return Loss)

≤ 1.25 (≥ 19.08 dB)

Insertion Loss

≤ 0.05 x √F (GHz) dB

Center contact resistance

≤ 4.0 mΩ

Outer contact resistance

≤ 2.5 mΩ

Test voltage

500 V rms

Working voltage

150 V rms

RF leakage

≥ 100 dB up to 1 GHz

**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	PS	
Coupling nut	Stainless Steel	Passivated
Piece Parts (1.85mm)	Material	Plating
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Body	Stainless Steel	Passivated
Insulator	PS	

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## AD-V1V25A / 9XX-9X

## Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation	≥ 20 N
Coupling test torque	1.65 Nm
Recommended torque	0.80 Nm to 1.10 Nm

## Environmental Data

Temperature Range	-60°C to +100°C
Thermal shock	IEC 611691, Subclause 9.4.4
Corrosion	IEC 611691, Subclause 9.4.6
Vibration	IEC 611691, Subclause 9.3.3
Shock	IEC 611691, Subclause 9.3.14
Moisture resistance	IEC 611691, Subclause 9.4.3
RoHS	compliant

## Packing

Single or 100