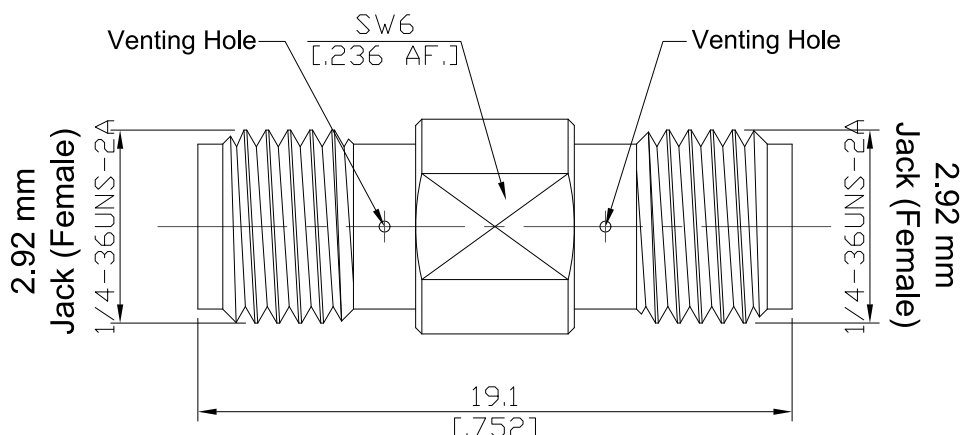


TVAC 2.92mm Jack (Female) to 2.92mm Jack (Female) Straight Adapter,
DC-40 GHz, VSWR 1.25

VH-AD-K2K25A / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-35; IEEE Std 287

Mechanically compatible with

3.50mm; SMA

Electrical Data

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

≤ 1.25 (≥ 19.08 dB)

Insertion Loss

≤ 0.04 x √F (GHz) dB

Insulation Resistance

≥ 5 GΩ

Test Voltage (at sea level)

750 V rms

Working Voltage (at sea level)

250 V rms

RF Leakage

≥ 100 dB up to 1 GHz

Power Handling

20W

-Vacuum Vented Construction for Thermal Vacuum Applications-

Material And Plating

Piece Parts (2.92mm)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PEI	
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Mechanical Data

Coupling mechanisms	Screw-On
Mating Cycles	≥ 500
Center Contact Captivation	≥ 20 N
Coupling Test Torque	max. 1.70 Nm
Recommended Torque	0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100