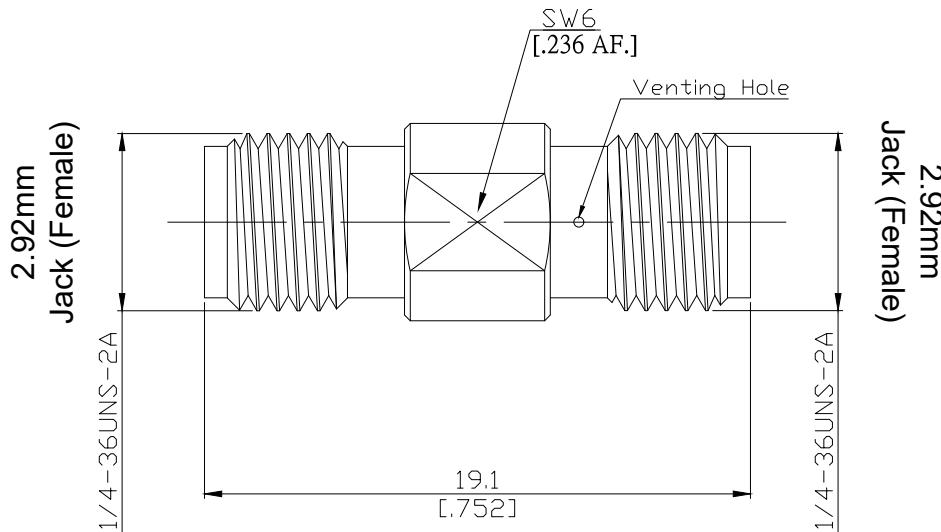


2.92mm jack (female) / 2.92mm jack (female) With Venting Hole For TVAC Application  
Adaptors Straight DC-40GHz VSWR1.15

## TVAC-AD-K2K25A / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

Mechanically compatible with

3.50mm and SMA

According to

IEC 61169-35

### Electrical Data

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

≤ 1.15 (≥ 23.13 dB)

Insertion Loss

≤ 0.05 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

### Material And Plating

Piece Parts (2.4mm)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
Insulator	PEI	
Piece Parts (2.4mm)	Material	Plating
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## TVAC-AD-K2K25A / 9X-9X

### Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Center Contact Captivation: axial	≥ 20 N
Coupling Test Torque	1.70 Nm
Recommended Torque	0.80 Nm to 1.10 Nm

### Environmental Data

Temperature Range	-60°C to +100°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