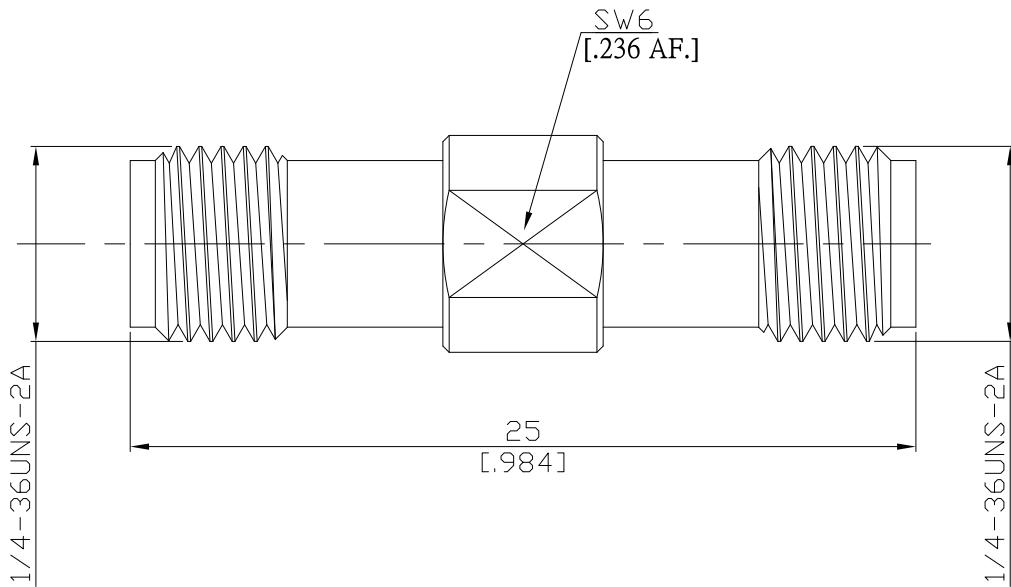


2.92mm Jack (Female) to 2.92mm Jack (Female) Straight Bullet Adaptor
DC-40 GHz, VSWR ≤ 1.25

AD-K2K25A-BL25 / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-35; IEEE Std 287; MIL-STD-348A/323

Electrical Data

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

$\leq 1.25 (\geq 19.08 \text{ dB})$

Insertion Loss

$\leq 0.04 \times \sqrt{f} \text{ (GHz) dB}$

Insulation Resistance

$\geq 5 \text{ G}\Omega$

Test Voltage (at sea level)

750 V rms

Working Voltage (at sea level)

250 V rms

RF Leakage

$\geq 100 \text{ dB up to 1 GHz}$

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

Piece Parts (2.92mm)

Material

Plating

Centre Contact

Beryllium Copper

Gold plating

(Non-magnetic nickel-phosphorus underplating)

Body

Stainless Steel

Passivated

Insulator

PEI

2.92mm Jack (Female) to 2.92mm Jack (Female) Straight Bullet Adaptor
DC-40 GHz, VSWR ≤1.25

AD-K2K25A-BL25 / 9X-9X

Mechanical Data

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

Environmental Data

Temperature Range	-40°C to +125°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100