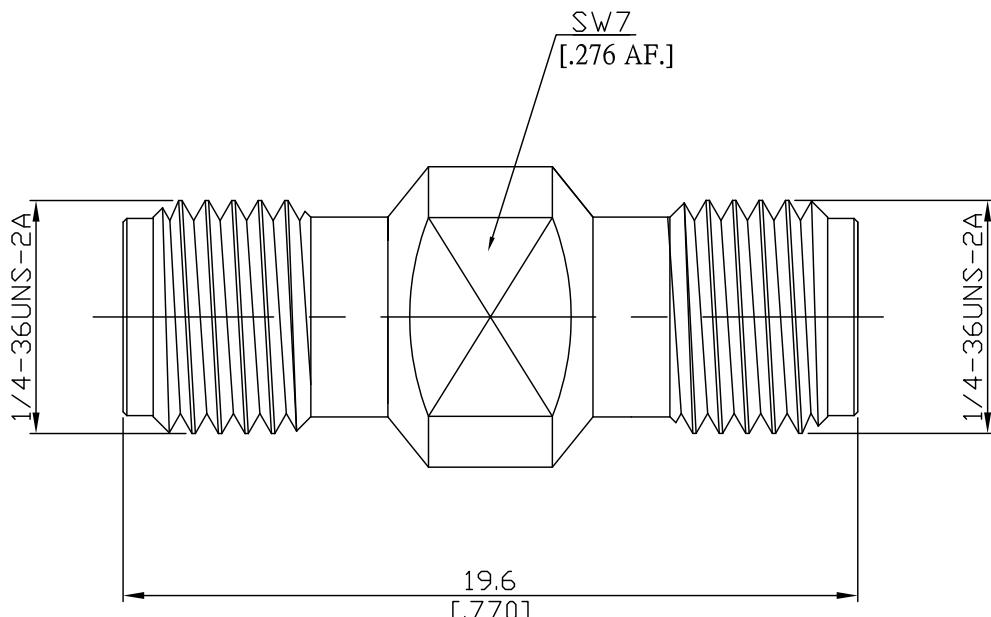


2.92mm jack (female) / SMA jack (female)
Adapter Straight DC-18 GHz VSWR1.15

AD-K2A25A / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

2.92mm according to

IEC 61169-35

SMA according to

IEC 60169-15; MIL-STD-348B/310

Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.15 (\geq 23.13 dB)

Insertion Loss

≤ 0.05 x \sqrt{F} (GHz) dB

Dielectric Withstanding Voltage

750 Vrms

Material And Plating

Piece Parts (2.92mm)

Material

Plating

Centre contact

Beryllium Copper

Gold plating, 3 μ inch

(Non-magnetic nickel-phosphorus underplating, 80 μ inch)

Body

Stainless Steel

Passivated

Insulator

PS

Gasket

Silicone Rubber

Piece Parts (SMA)

Material

Plating

Centre contact

Beryllium Copper

Gold plating, 3 μ inch

(Non-magnetic nickel-phosphorus underplating, 80 μ inch)

Body

Stainless Steel

Passivated

Insulator

PTFE

2.92mm jack (female) / SMA jack (female)
Adapter Straight DC-18 GHz VSWR1.15

AD-K2A25A / 9X-9X

Mechanical Data

Coupling mechanisms	2.92mm side	SMA side
Mating Cycles	Screw-lock	Screw-lock
Center contact captivation	≥ 500	≥ 500
Coupling test torque	≥ 20 N	≥ 10 N
Recommended Torque	1.70 Nm	max. 1.7 Nm
	0.80 Nm to 1.10 Nm	0.8 Nm to 1.1 Nm

Environmental Data

Temperature Range	-55°C to +125°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100