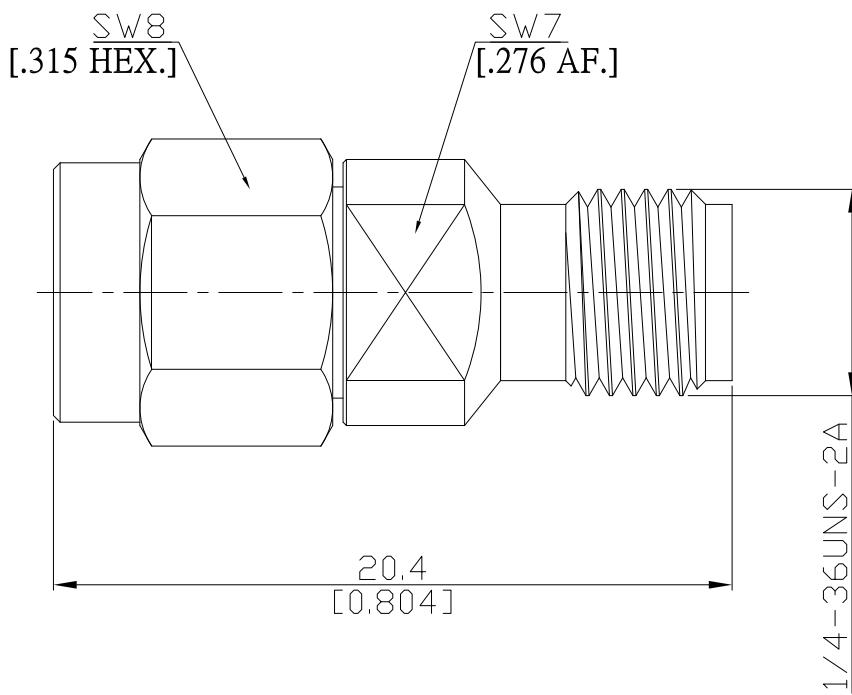


2.92mm plug (male) / SMA jack (female)  
Adapter Straight DC-18 GHz VSWR1.15

## AD-K1A25B / 9XX-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 pinch (Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch)

Body

Stainless Steel

Passivated

Insulator

PS

Gasket

Silicone Rubber

Coupling nut

Stainless Steel

Passivated

#### Piece Parts (SMA)

	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch)
Body	Stainless Steel	Passivated
Insulator	PTFE	

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:-

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N-CAGE Code: SFKK0 / ISO9001 Certified

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

**AD-K1A25B / 9XX-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