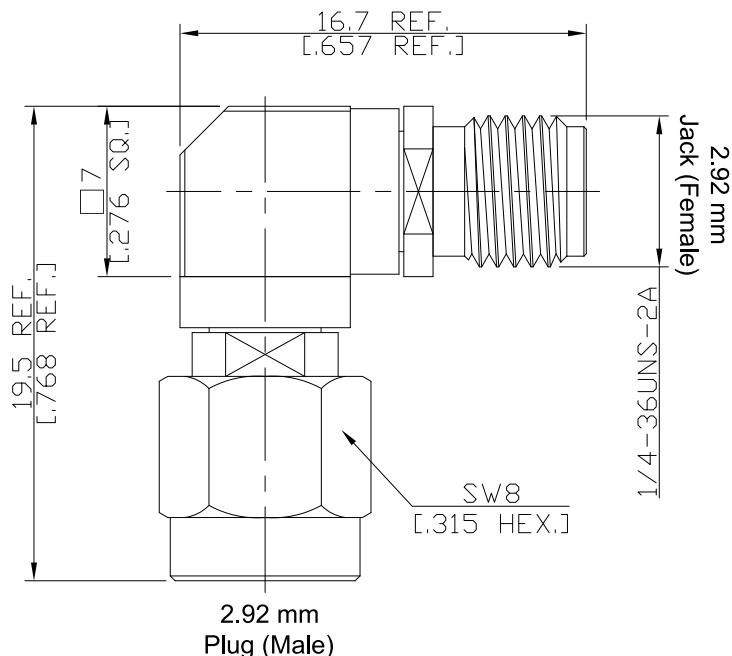



 2.92mm Plug (Male) / 2.92mm Jack(Female) L-adaptor
 DC-40GHz VSWR1.25

ASL-K1K25A / 9XX-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

3.5mm, SMA

Electrical Data

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

 ≤ 1.25 (≥ 19.08 dB)

Insertion Loss

 ≤ 0.05 $\times \sqrt{f}$ (GHz) dB

Insulation resistance

 ≥ 5 GΩ

Center contact resistance

 ≤ 3 m MΩ

Outer contact resistance

 ≤ 2 m MΩ

Test voltage

750 V rms

Working voltage

250 V rms

RF-leakage

 ≥ 100 dB up to 1 GHz

Power Handling

20W

Material And Plating
Piece Parts (2.92mm)
Material
Plating

Centre contact

Beryllium Copper

Gold plating

Body

Stainless Steel

Passivated

Insulator

PEI

Gasket

Silicone Rubber

Coupling nut

Stainless Steel

Passivated

Piece Parts (2.92mm)
Material
Plating

Centre contact

Beryllium Copper

Gold plating

Body

Stainless Steel

Passivated

Insulator

PEI



2.92mm Plug (Male) / 2.92mm Jack(Female) L-adapter
DC-40GHz VSWR1.25

ASL-K1K25A / 9XX-9X

Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	min. 500
Center contact captivation	≥ 20 N
Coupling test torque	max. 1.7 Nm
Recommended torque	0.80 Nm to 1.1 Nm

Environmental Data

Temperature Range	-55°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