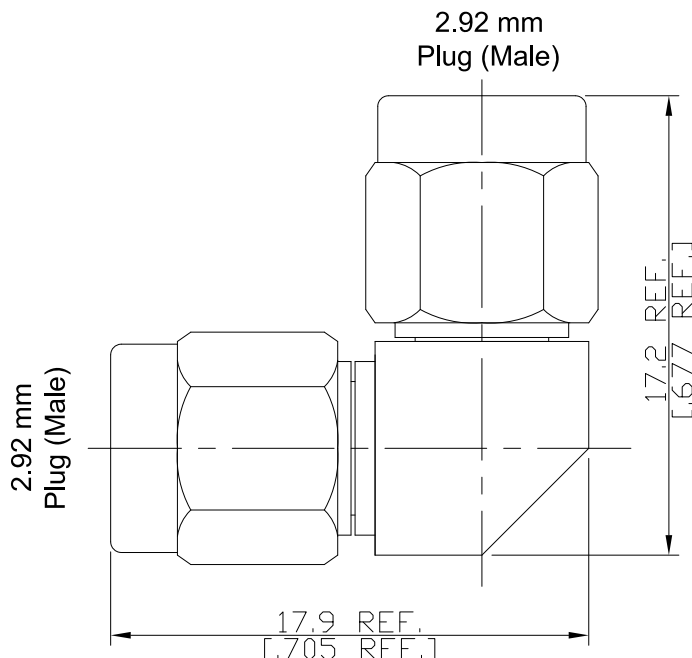


2.92mm plug (male)/2.92mm plug (male) L-adaptor  
DC-40GHz VSWR1.25

**ASL-K1K15A / 9XX-9XX**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to IEC 61169-35; IEEE Std 287

**Electrical Data**

|                           |                                      |
|---------------------------|--------------------------------------|
| Impedance                 | 50 $\Omega$                          |
| Frequency                 | DC to 40 GHz                         |
| VSWR (Return Loss)        | $\leq 1.25$ ( $\geq 19.08$ dB)       |
| Insertion Loss            | $\leq 0.05 \times \sqrt{F}$ (GHz) dB |
| Insulation resistance     | $\geq 5$ G $\Omega$                  |
| Center contact resistance | $\leq 3$ m $\Omega$                  |
| Outer contact resistance  | $\leq 2$ m $\Omega$                  |
| Test voltage              | 750 V rms                            |
| Working voltage           | 250 V rms                            |
| RF-leakage                | $\geq 100$ 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              |              |
| Gasket               | Silicone Rubber  |              |
| Coupling nut         | Stainless Steel  | Passivated   |

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.:  
Date:  
JUN/02/2025

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2.92mm plug (male)/2.92mm plug (male) L-adaptor  
DC-40GHz VSWR1.25

**ASL-K1K15A / 9XX-9XX**

**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   | -65°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