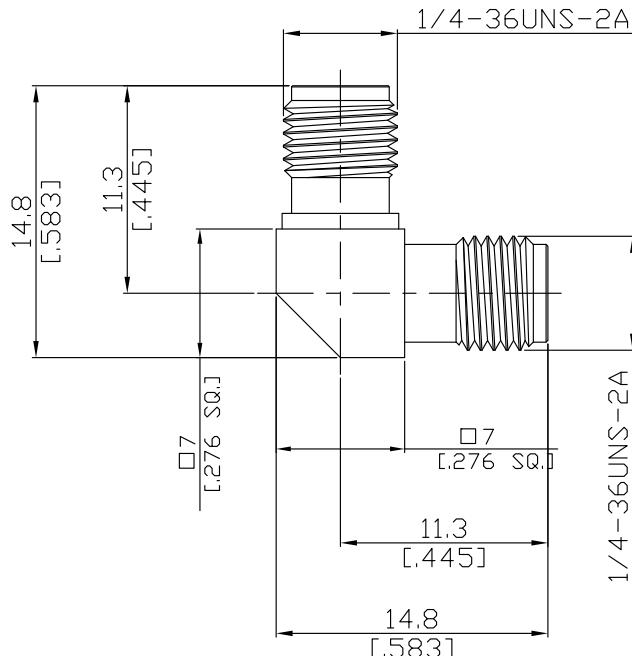


SMA jack (female) / SMA jack (female) L-Adaptor DC-18 GHz, VSWR ≤ 1.15

## ASL-A2A25C / 91-91



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

according to

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

## Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.15 (&gt; 23.1 dB)

Insertion Loss

≤ 0.03 x √F (GHz) dB

Insulation resistance

≥ 5 GΩ

Center contact resistance

≤ 3 mΩ

Outer contact resistance

≤ 2 mΩ

Test voltage

1000 V rms

Working voltage

480 V rms

Power handling (at 20 °C, sea level, VSWR 1.0)

≤ 200 W @ 2 GHz

RF-leakage

≥ 100 dB up to 1 GHz

## Material And Plating

## Piece Parts (SMA)

## Material

## Plating

Centre contact

Beryllium Copper

Gold plating, 3 µinch

(Non-magnetic nickel-phosphorus underplating, 80 µinch)

Body

Brass

Gold plating, 3 µinch

(Non-magnetic nickel-phosphorus underplating, 80 µinch)

Insulator

PTFE

## Piece Parts (SMA)

## Material

## Plating

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Beryllium Copper

Gold plating, 3 µinch

(Non-magnetic nickel-phosphorus underplating, 80 µinch)

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(Non-magnetic nickel-phosphorus underplating, 80 µinch)

Insulator

PTFE

SMA jack (female) / SMA jack (female) L-Adaptor DC-18 GHz, VSWR ≤ 1.15

## ASL-A2A25C / 91-91

### Mechanical Data

|                                   |                  |
|-----------------------------------|------------------|
| Coupling mechanisms               | Screw-lock       |
| Mating cycles                     | ≥ 500            |
| Center contact captivation: axial | ≥ 27 N           |
| radial                            | ≥ 3 Ncm          |
| Coupling test torque              | max. 1.7 Nm      |
| Recommended torque                | 0.8 Nm to 1.1 Nm |

### Environmental Data

|                     |                                 |
|---------------------|---------------------------------|
| Temperature Range   | -55 °C to +155 °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