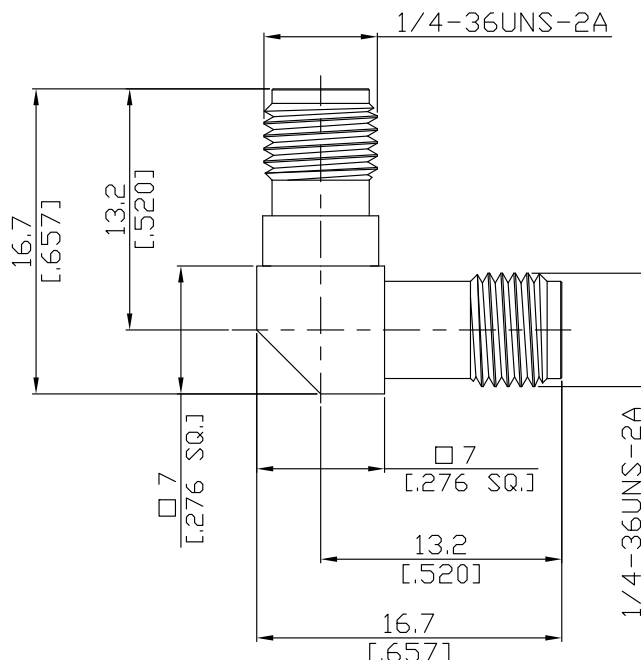


SMA jack(female)/SMA jack(female) L-adaptor  
DC-18GHz VSWR1.22

**ASL-A2A25A-CR / 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)	≥ 1.22 (≥ 20 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
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	

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**ASL-A2A25A-CR / 91-91**

**Mechanical Data**

Coupling mechanisms	Screw-lock
Mating cycles	min. 500
Center contact captivation: axial	≥ 27 N
radial	≥ 3Ncm
Coupling test torque	max. 1.7 Nm
Recommended torque	0.80 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. 107, 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