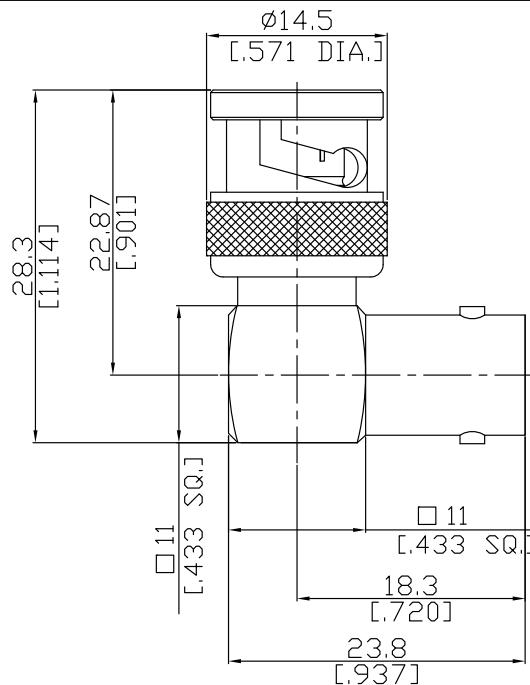


BNC plug (male) / BNC jack (female) L-adaptor DC-4 GHz, VSWR ≤ 1.25

ADL-B1B25A / 133-93



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

according to

IEC 60169-8; MIL-STD-348B/301

Electrical Data

Impedance 50 Ω

Frequency DC to 4 GHz

VSWR (Return Loss) ≥ 1.25 (≥ 19.08 dB)

Insertion Loss ≤ 0.05 x √f (GHz) dB

Insulation resistance ≥ 5 GΩ

Center contact resistance ≤ 1.5 mΩ

Outer contact resistance ≤ 1 mΩ

Test voltage 1500 V rms

Working voltage 400 V rms

Power handling (at 20 °C, sea level, VSWR 1.0) ≤ 80 W @ 2 GHz

Material And Plating

Piece Parts (BNC)

Material

Plating

Centre contact Brass

Gold plating, 3 µinch

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

Body Brass

Nickel

Insulator PTFE

Gasket Silicone Rubber

Coupling nut Brass

Nickel

Piece Parts (BNC)

Material

Plating

Centre contact Beryllium Copper

Gold plating, 3 µinch

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

Body Brass

Nickel

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.:-

Date:
JUL/16/2021

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N-CAGE Code: SFKK0 / ISO9001 Certified

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Mechanical Data

Coupling mechanisms: Bayonet-lock
 Mating cycles: min. 500
 Center contact captivation: axial: ≥ 15 N

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. B
 Shock: MIL-STD-202, Meth. 213, Cond. G
 Moisture resistance: MIL-STD-202, Meth. 106
 RoHS: compliant

Packing

Single or 100