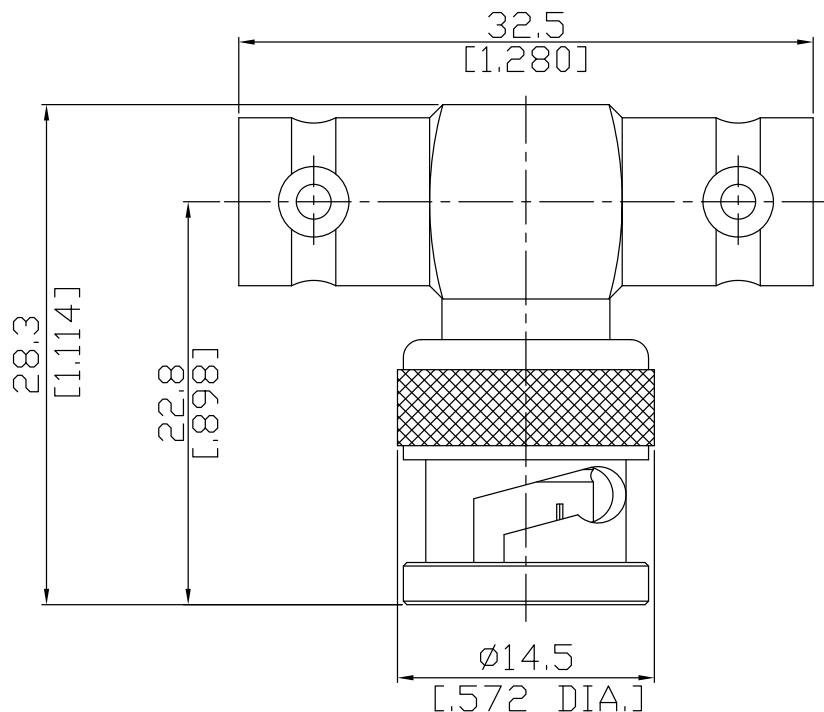


BNC plug (male) / BNC jack (female)
T-Adaptor 1 plug, 2 jacks DC-10 GHz

ADT-B2B1B25A / 94-944-94



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 10 GHz

Insulation resistance

≤ 5 mΩ

Center contact resistance

≤ 1.5 mΩ

Outer contact resistance

≤ 1 mΩ

Test voltage

1500 V rms

Working voltage

400 V rms

Power handling

≤ 80 W @ 2 GHz

Material And Plating

Piece Parts (BNC - male)

Material

Plating

Centre contact

Beryllium Copper

Gold plating, 3 µinch

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

Body

Brass

Copper-Tin-Zinc Alloy

Insulator

PTFE

Gasket

Silicone Rubber

Coupling nut

Brass

Copper-Tin-Zinc Alloy

Piece Parts (BNC - female)

Material

Plating

Centre contact

Beryllium Copper

Gold plating, 3 µinch

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

Body

Brass

Copper-Tin-Zinc Alloy

Insulator

PTFE

BNC plug (male) / BNC jack (female)
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Mechanical Data

Coupling mechanisms Bayonet-lock
Mating cycles ≥ 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