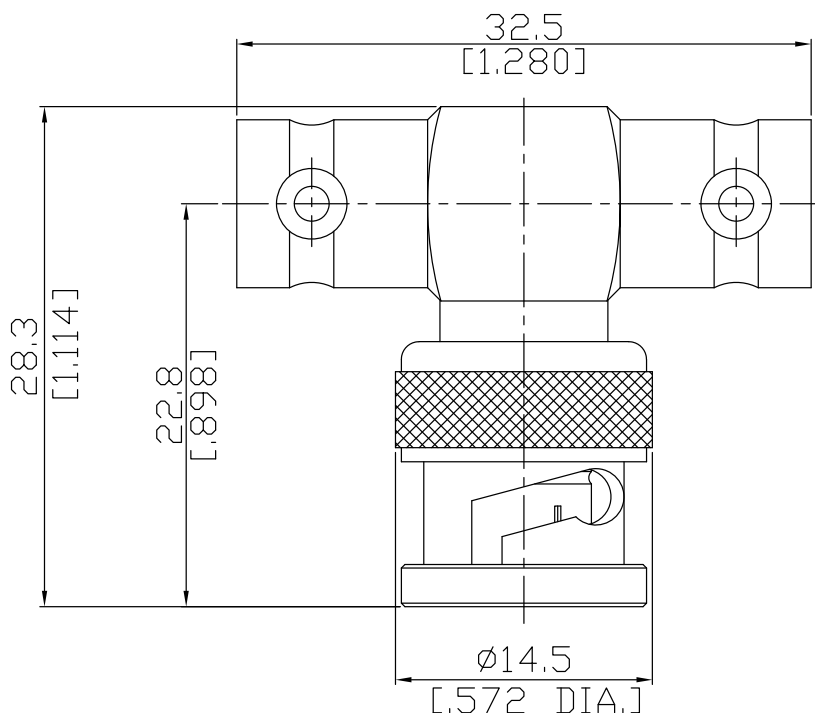


BNC plug (male) / BNC jack (female)
T-Adaptor 1 plug , 2 jacks DC-10 GHz

ADT-B2B1B25A / H4-H44-H4



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 | $\leq 5 \text{ m}\Omega$ |
| Center contact resistance | $\leq 1.5 \text{ m}\Omega$ |
| Outer contact resistance | $\leq 1 \text{ m}\Omega$ |
| Test voltage | 1500 V rms |
| Working voltage | 400 V rms |
| Power handling | $\leq 80 \text{ W @ 2 GHz}$ |

Material And Plating

| Piece Parts (BNC - male) | Material | Plating |
|----------------------------|-----------------|--|
| Centre contact | Phosphor Bronze | Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch) |
| 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 | Phosphor Bronze | Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch) |
| Body | Brass | Copper-Tin-Zinc Alloy |
| Insulator | PTFE | |

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

ADT-B2B1B25A / H4-H44-H4

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

Singleor 100