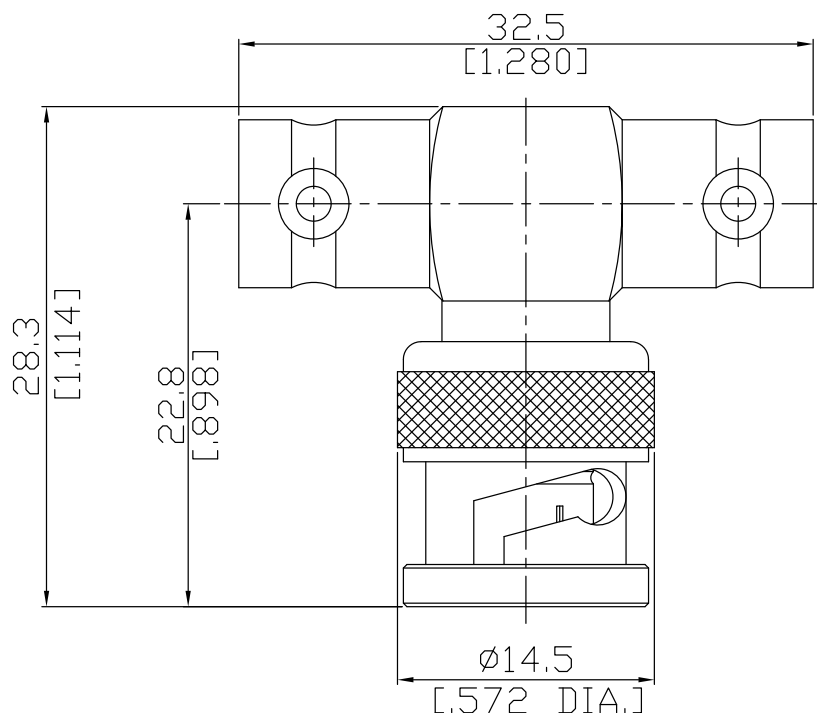


BNC plug (male) / BNC jack (female)  
T-Adaptor 1 plug , 2 jacks DC-10 GHz

**ADT-B2B1B25A / H3-133-H3**



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 $\Omega$                 |
| 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) | Material        | Plating   |
|-------------------|-----------------|---|
| Centre contact    | Brass           | Gold plating, 3 $\mu\text{inch}$<br>(Non-magnetic nickel-phosphorus underplating, 80 $\mu\text{inch}$ ) |
| Body              | Brass           | Nickel  |
| Insulator         | PTFE            |   |
| Gasket            | Silicone Rubber |   |
| Coupling nut      | Brass           | Nickel  |
| Piece Parts (BNC) | Material        | Plating   |
| Centre contact    | Phosphor Bronze | Gold plating, 3 $\mu\text{inch}$<br>(Non-magnetic nickel-phosphorus underplating, 80 $\mu\text{inch}$ ) |
| Body              | Brass           | Nickel  |
| Insulator         | PTFE            |   |

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

**ADT-B2B1B25A / H3-133-H3**

#### 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