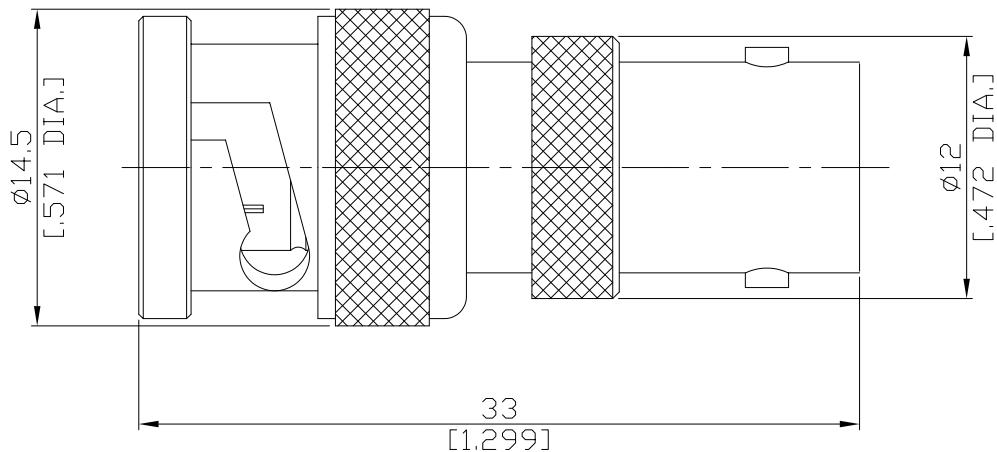




BNC plug (male) / BNC jack (female) Adaptors Straight DC-6 GHz VSWR1.3

## AD-B1B25A / H33-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 Ω                 |
| Frequency                 | DC to 6 GHz          |
| VSWR (Return Loss)        | ≤ 1.3 (≥ 17.7 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            | ≥ 80 W @ 2 GHz       |

### Material And Plating

| Piece Parts (BNC) | Material        | Plating  |
|-------------------|-----------------|--|
| Centre contact    | Phosphor Bronze | Gold plating, 3 µinch<br>(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    | Phosphor Bronze | Gold plating, 3 µinch<br>(Non-magnetic nickel-phosphorus underplating, 80 µinch) |
| Body              | Brass           | Nickel   |
| Insulator         | PTFE            |  |



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## AD-B1B25A / H33-H3

### Mechanical Data

|                            |              |
|----------------------------|--------------|
| Coupling Mechanisms        | Bayonet-lock |
| Mating Cycles              | min. 500     |
| Center Contact Captivation | ≥ 15 N       |

### Environmental Data

|                     |                                 |
|---------------------|---------------------------------|
| Temperature Range   | -65°C to +125°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