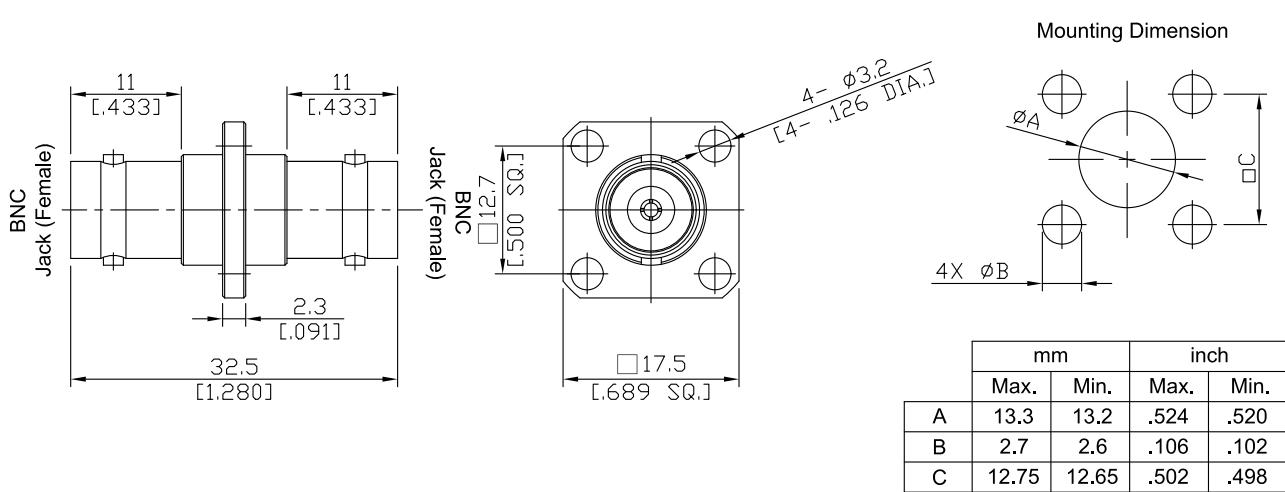




4 Hole Flange Mount BNC Jack (Female) to BNC Jack (Female) Adapter  
DC-4 GHz, VSWR  $\leq$  1.20

**AD-B2B25A-PF / 93-93**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

According to

IEC 61169-8; CECC 22120; MIL-PRF-39012; MIL-STD-348B/301; BS 9210 N 004

#### Electrical Data

Impedance

50  $\Omega$

Frequency

DC to 4 GHz

VSWR (Return Loss)

$\leq$  1.20 ( $\geq$  20.83 dB)

Insertion Loss

$\leq$  0.05  $\times \sqrt{F}$  (GHz) dB

Insulation resistance

$\geq$  5 G $\Omega$

Center contact resistance

$\leq$  1.5 m $\Omega$

Outer contact resistance

$\leq$  1 m $\Omega$

Test voltage

1500 V rms

Working voltage

400 V rms

Power handling (at 20 °C, sea level, VSWR 1.0)

$\leq$  80 W @ 2 GHz

#### Material And Plating

|                   |                  |   |
|-------------------|------------------|---|
| Piece Parts (BNC) | Material         | Plating   |
| Centre contact    | Beryllium Copper | Gold plating<br>(Non-magnetic nickel-phosphorus underplating) |
| Body              | Brass            | Nickel  |
| Insulator         | PTFE             |   |
| Piece Parts (BNC) | Material         | Plating   |
| Centre contact    | Beryllium Copper | Gold plating<br>(Non-magnetic nickel-phosphorus underplating) |
| Body              | Brass            | Nickel  |
| Insulator         | PTFE             |   |



4 Hole Flange Mount BNC Jack (Female) to BNC Jack (Female) Adapter  
DC-4 GHz, VSWR ≤ 1.20

**AD-B2B25A-PF / 93-93**

**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