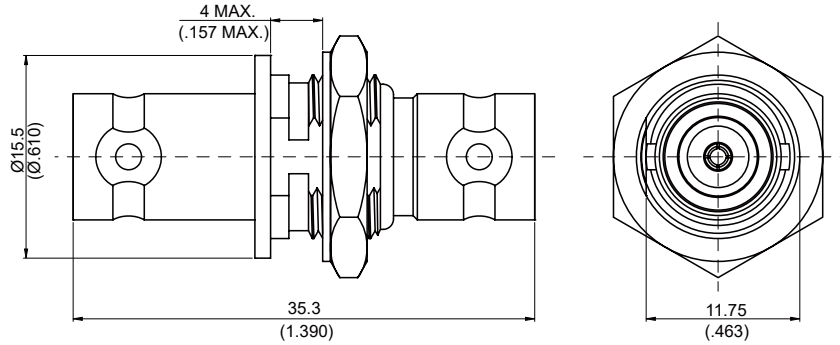


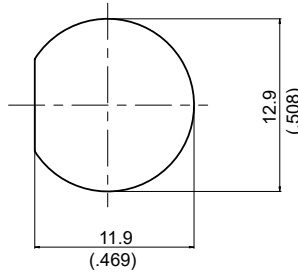
AD-B8B8-BF1

Isolated BNC Jack to BNC Jack Bulkhead
7GHz VSWR 1.2

50Ω



MOUNTING HOLE:



| Parts | Material | Plating (Micro-inch) |
|--------------|-----------------|---|
| Body | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Contact Pin | Phosphor Bronze | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Nut Hex | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Washer | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Insulator | Teflon & Delrin | |
| Contact Body | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |

Weight:

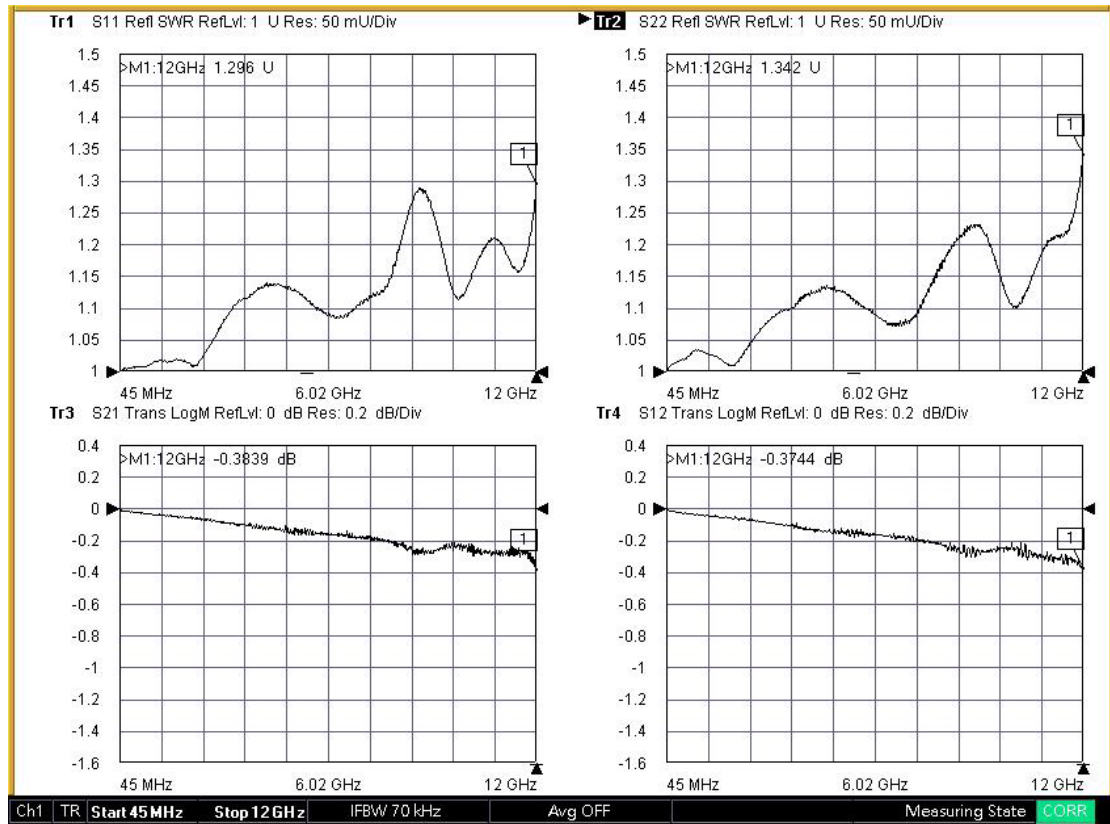
This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

| | | | | | | | | | | | | | | | | | |
|---|---|---------------------------|--|---------------------------------|-------------------|---------------------------|--------------------------------------|---------------------|-------------------------|----------------|--------------------------------------|-----------------------|-----------|--|------------|--------------------------------|-----------|
| AD-B8B8-BF1 | Isolated BNC Jack to BNC Jack Bulkhead 7GHz VSWR 1.2 | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td data-bbox="113 322 531 394">Interface</td> <td data-bbox="531 322 1482 394"></td> </tr> <tr> <td data-bbox="113 394 531 539">Standard</td> <td data-bbox="531 394 1482 539">MIL-STD-348B</td> </tr> </table> | | Interface | | Standard | MIL-STD-348B | | | | | | | | | | | | |
| Interface | | | | | | | | | | | | | | | | | |
| Standard | MIL-STD-348B | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td data-bbox="113 539 531 611">Electrical Data</td> <td data-bbox="531 539 1482 611"></td> </tr> <tr> <td data-bbox="113 611 531 656">Impedance</td> <td data-bbox="531 611 1482 656">50Ω</td> </tr> <tr> <td data-bbox="113 656 531 701">Frequency Range</td> <td data-bbox="531 656 1482 701">DC to 7GHz</td> </tr> <tr> <td data-bbox="113 701 531 745">VSWR</td> <td data-bbox="531 701 1482 745">≤ 1.2 (DC To 7GHz)</td> </tr> <tr> <td data-bbox="113 745 531 790">Insertion Loss</td> <td data-bbox="531 745 1482 790">≤ 0.06 x √f(GHz) dB</td> </tr> <tr> <td data-bbox="113 790 531 835">Insulation Resistance</td> <td data-bbox="531 790 1482 835">≥ 5000MΩ</td> </tr> <tr> <td data-bbox="113 835 531 880">Dielectric Withstanding Voltage (at sea level)</td> <td data-bbox="531 835 1482 880">1500 V rms</td> </tr> <tr> <td data-bbox="113 880 531 925">Working Voltage (at sea level)</td> <td data-bbox="531 880 1482 925">500 V rms</td> </tr> </table> | | Electrical Data | | Impedance | 50Ω | Frequency Range | DC to 7GHz | VSWR | ≤ 1.2 (DC To 7GHz) | Insertion Loss | ≤ 0.06 x √f(GHz) dB | Insulation Resistance | ≥ 5000MΩ | Dielectric Withstanding Voltage (at sea level) | 1500 V rms | Working Voltage (at sea level) | 500 V rms |
| Electrical Data | | | | | | | | | | | | | | | | | |
| Impedance | 50Ω | | | | | | | | | | | | | | | | |
| Frequency Range | DC to 7GHz | | | | | | | | | | | | | | | | |
| VSWR | ≤ 1.2 (DC To 7GHz) | | | | | | | | | | | | | | | | |
| Insertion Loss | ≤ 0.06 x √f(GHz) dB | | | | | | | | | | | | | | | | |
| Insulation Resistance | ≥ 5000MΩ | | | | | | | | | | | | | | | | |
| Dielectric Withstanding Voltage (at sea level) | 1500 V rms | | | | | | | | | | | | | | | | |
| Working Voltage (at sea level) | 500 V rms | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td data-bbox="113 1037 531 1108">Mechanical Data</td> <td data-bbox="531 1037 1482 1108"></td> </tr> <tr> <td data-bbox="113 1108 531 1153">Recommended Coupling Nut Torque</td> <td data-bbox="531 1108 1482 1153">0.6 to 2.5 in-lbs</td> </tr> <tr> <td data-bbox="113 1153 531 1198">Contact Captivation-axial</td> <td data-bbox="531 1153 1482 1198">≥ 6.1 lbs</td> </tr> <tr> <td data-bbox="113 1198 531 1243">Durability (mating)</td> <td data-bbox="531 1198 1482 1243">≥ 500</td> </tr> </table> | | Mechanical Data | | Recommended Coupling Nut Torque | 0.6 to 2.5 in-lbs | Contact Captivation-axial | ≥ 6.1 lbs | Durability (mating) | ≥ 500 | | | | | | | | |
| Mechanical Data | | | | | | | | | | | | | | | | | |
| Recommended Coupling Nut Torque | 0.6 to 2.5 in-lbs | | | | | | | | | | | | | | | | |
| Contact Captivation-axial | ≥ 6.1 lbs | | | | | | | | | | | | | | | | |
| Durability (mating) | ≥ 500 | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td data-bbox="113 1391 531 1462">Environmental Data</td> <td data-bbox="531 1391 1482 1462"></td> </tr> <tr> <td data-bbox="113 1462 531 1507">Temperature Range</td> <td data-bbox="531 1462 1482 1507">-40°C to +120°C</td> </tr> <tr> <td data-bbox="113 1507 531 1552">Thermal Shock</td> <td data-bbox="531 1507 1482 1552">MIL-STD-202, Method 107, Condition B</td> </tr> <tr> <td data-bbox="113 1552 531 1597">Moisture Resistance</td> <td data-bbox="531 1552 1482 1597">MIL-STD-202, Method 206</td> </tr> <tr> <td data-bbox="113 1597 531 1641">Corrosion</td> <td data-bbox="531 1597 1482 1641">MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td data-bbox="113 1641 531 1686">RoHS</td> <td data-bbox="531 1641 1482 1686">Compliant</td> </tr> </table> | | Environmental Data | | Temperature Range | -40°C to +120°C | Thermal Shock | MIL-STD-202, Method 107, Condition B | Moisture Resistance | MIL-STD-202, Method 206 | Corrosion | MIL-STD-202, Method 101, Condition B | RoHS | Compliant | | | | |
| Environmental Data | | | | | | | | | | | | | | | | | |
| Temperature Range | -40°C to +120°C | | | | | | | | | | | | | | | | |
| Thermal Shock | MIL-STD-202, Method 107, Condition B | | | | | | | | | | | | | | | | |
| Moisture Resistance | MIL-STD-202, Method 206 | | | | | | | | | | | | | | | | |
| Corrosion | MIL-STD-202, Method 101, Condition B | | | | | | | | | | | | | | | | |
| RoHS | Compliant | | | | | | | | | | | | | | | | |

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AD-B8B8-BF1



Note: S11/S12/S21/S22 plots shown represent IL and VSWR of two adaptors tested. To extract IL of a single adaptor divide IL measured by two.