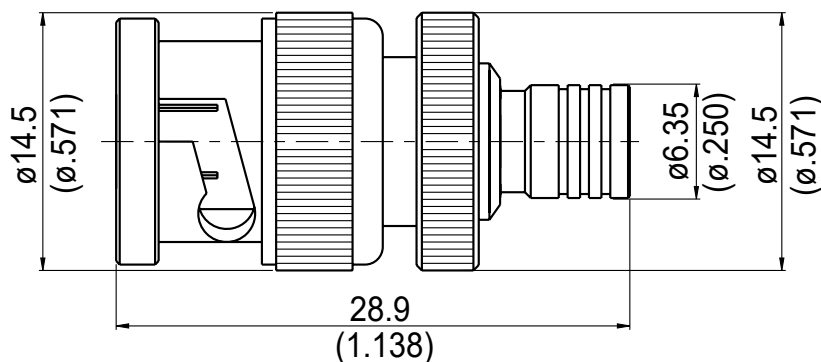


AD-B3S3

BNC Plug To SMB Plug  
4GHz VSWR 1.2

50Ω



| Parts             | Material         | Plating (Micro-inch)                                  |
|-------------------|------------------|-------------------------------------------------------|
| Renber Ring       | Berullium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Body (SMB)        | Brass            | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Contact Body(SMB) | Brass            | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Contact Pin       | Phosphor Bronze  | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Gasket            | Silicon          |                                                       |
| Spring            | SK5              | Tin-Zinc-Copper-Alloy 100 Over Copper 50              |
| Washer            | Brass            | Tin-Zinc-Copper-Alloy 100 Over Copper 50              |
| Insulator         | Teflon           |                                                       |
| Body(BNC)         | Brass            | Tin-Zinc-Copper-Alloy 100 Over Copper 50              |
| Coupling Nut(BNC) | Brass            | Tin-Zinc-Copper-Alloy 100 Over Copper 50              |

Weight: 14.13 g

This part number complies with RoHS.

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

| AD-B3S3                                        |                                      | BNC Plug To SMB Plug<br>4GHz VSWR 1.2 |              |
|------------------------------------------------|--------------------------------------|---------------------------------------|--------------|
| Interface                                      |                                      | BNC                                   | SMB          |
| Standard                                       |                                      | MIL-STD-348B                          | MIL-STD-348B |
| Mechanically Compatible With                   |                                      |                                       | SMS          |
| Electrical Data                                |                                      |                                       |              |
| Impedance                                      | 50Ω                                  |                                       |              |
| Frequency Range                                | DC To 4GHz                           |                                       |              |
| VSWR                                           | ≤ 1.2 (DC To 4GHz)                   |                                       |              |
| Insertion Loss                                 | ≤ 0.05 x √f(GHz) dB                  |                                       |              |
| Insulation Resistance                          | ≥ 5000MΩ                             |                                       |              |
| Dielectric Withstanding Voltage (at sea level) | 1000 V rms                           |                                       |              |
| Working Voltage (at sea level)                 | 335 V rms                            |                                       |              |
| Mechanical Data                                |                                      |                                       |              |
|                                                | BNC                                  | SMB                                   |              |
| Recommended Coupling Nut Torque                | 0.6 to 2.5 in-lbs                    | NA                                    |              |
| Coupling Nut Retention Force                   | ≥ 101.2 lbs                          | NA                                    |              |
| Engagement Force                               | NA                                   | 1.8 to 14.2 lbs                       |              |
| Disengagement Force                            | NA                                   | 1.8 to 14.2 lbs                       |              |
| Contact Captivation-axial                      | ≥ 6.1 lbs                            | ≥ 4 lbs                               |              |
| Durability (mating)                            | ≥ 500                                | ≥ 500                                 |              |
| Environmental Data                             |                                      |                                       |              |
| Temperature Range                              | -65°C to +165°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-B3S3

