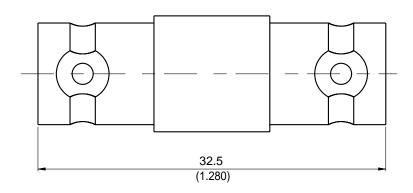


AD-B8B8 BNC Jack to BNC Jack 7GHz VSWR 1.2; 12GHz VSWR 1.35 **50**Ω



Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 10.5 g

This part number complies with RoHS.

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



AD-B8B8

BNC Jack to BNC Jack
7GHz VSWR 1.2; 12GHz VSWR 1.35

Interface

Standard MIL-STD-348B

Electrical Data

Impedance 50Ω

Frequency Range DC to 12GHz

VSWR $\leq 1.2 (7 \text{GHz}); \leq 1.35 (12 \text{GHz})$

Insertion Loss $\leq 0.06 \text{ x } \sqrt{\text{f(GHz)}} \text{ dB}$

 $\begin{array}{ll} \mbox{Insulation Resistance} & \geq 5000 \mbox{M}\Omega \\ \mbox{Dielectric Withstanding Voltage (at sea level)} & 1500 \ \mbox{V rms} \end{array}$

Working Voltage (at sea level) 500 V rms

Mechanical Data

Recommended Coupling Nut Torque 0.6 to 2.5 in-lbs

Contact Captivation-axial \geq 6.1 lbs Durability (mating) \geq 500

Environmental Data

Temperature Range -65°C to +165°C

Thermal Shock MIL-STD-202, Method 107, Condition B

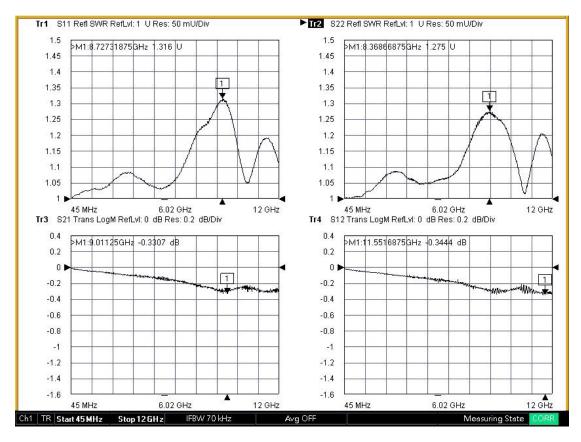
Moisture Resistance MIL-STD-202, Method 206

Corrosion MIL-STD-202, Method 101, Condition B

RoHS Compliant

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

AD-B8B8



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.