

AD-MC8B3	SMC Jack To BNC Plug 10GHz VSWR 1.25		50Ω
Parts	Material	Plating (Micro-inch)	
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	
Insulator	Teflon		
Gasket	Silicon		
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Spring	SK5	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Body(SMC)	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	
Body(BNC)	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Weight: 13.67 g			

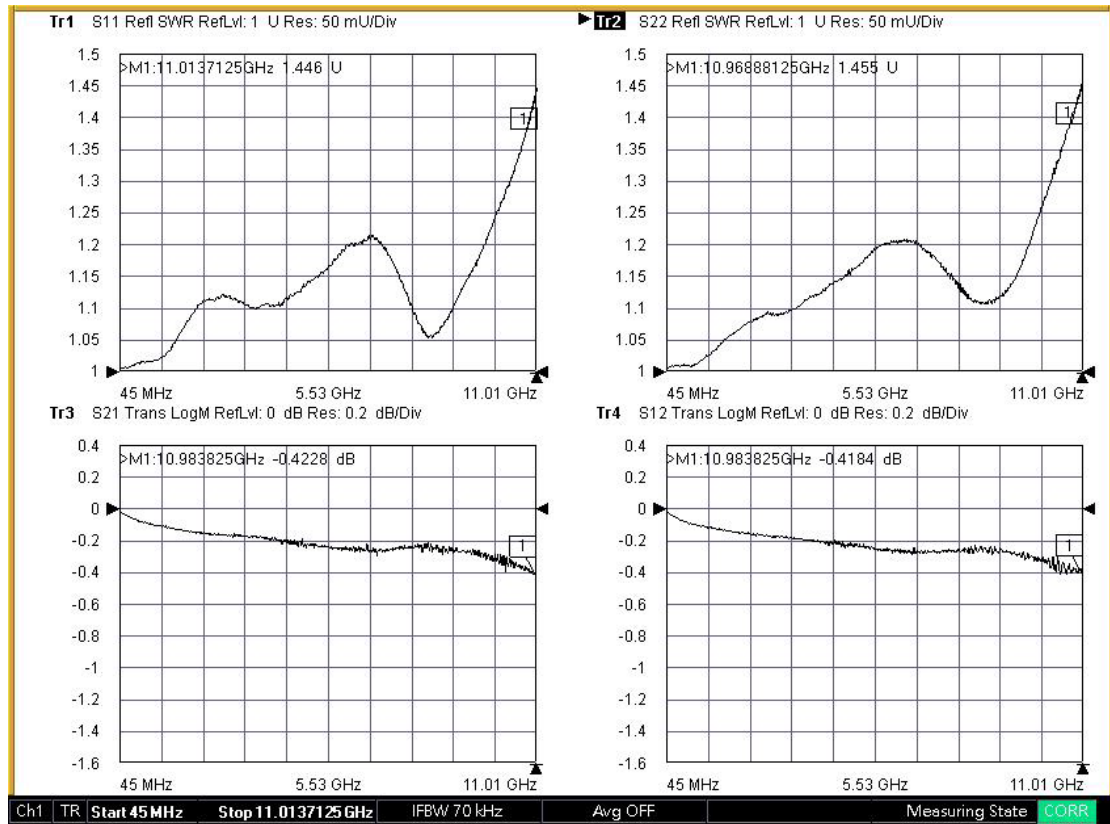
This part number complies with RoHS.

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

AD-MC8B3		SMC Jack To BNC Plug 10GHz VSWR 1.25	
<b>Interface</b>		BNC	SMC
Standard		MIL-STD-348B	MIL-STD-348B
<b>Electrical Data</b>			
Impedance	50Ω		
Frequency Range	DC To 10GHz		
VSWR	≤ 1.25 (DC To 10GHz)		
Insertion Loss	≤ 0.05 x √f(GHz) dB		
Insulation Resistance	≥ 5000MΩ		
Dielectric Withstanding Voltage (at sea level)	750 V rms		
Working Voltage (at sea level)	250 V rms		
<b>Mechanical Data</b>			
	BNC	SMC	
Recommended Coupling Nut Torque	0.6 to 2.5 in-lbs	2.2 to 3.1 in-lbs	
Coupling Proof Torque	NA	6.2 in-lbs	
Coupling Nut Retention Force	≥ 101.2 lbs	NA	
Contact Captivation-axial	≥ 6.1 lbs	≥ 2.25 lbs	
Durability (mating)	≥ 500	≥ 500	
<b>Environmental Data</b>			
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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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.