

AD-MC3B3	SMC Plug To BNC Plug 4GHz VSWR 1.2		50Ω
Parts	Material	Plating (Micro-inch)	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	
Insulator	Teflon		
Body(SMC)	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	
Body(BNC)	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Gasket	Silicon		
Spring	SK5	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Coupling Nut(SMC)	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	
Coupling Nut(BNC)	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Weight: 14.9 g			

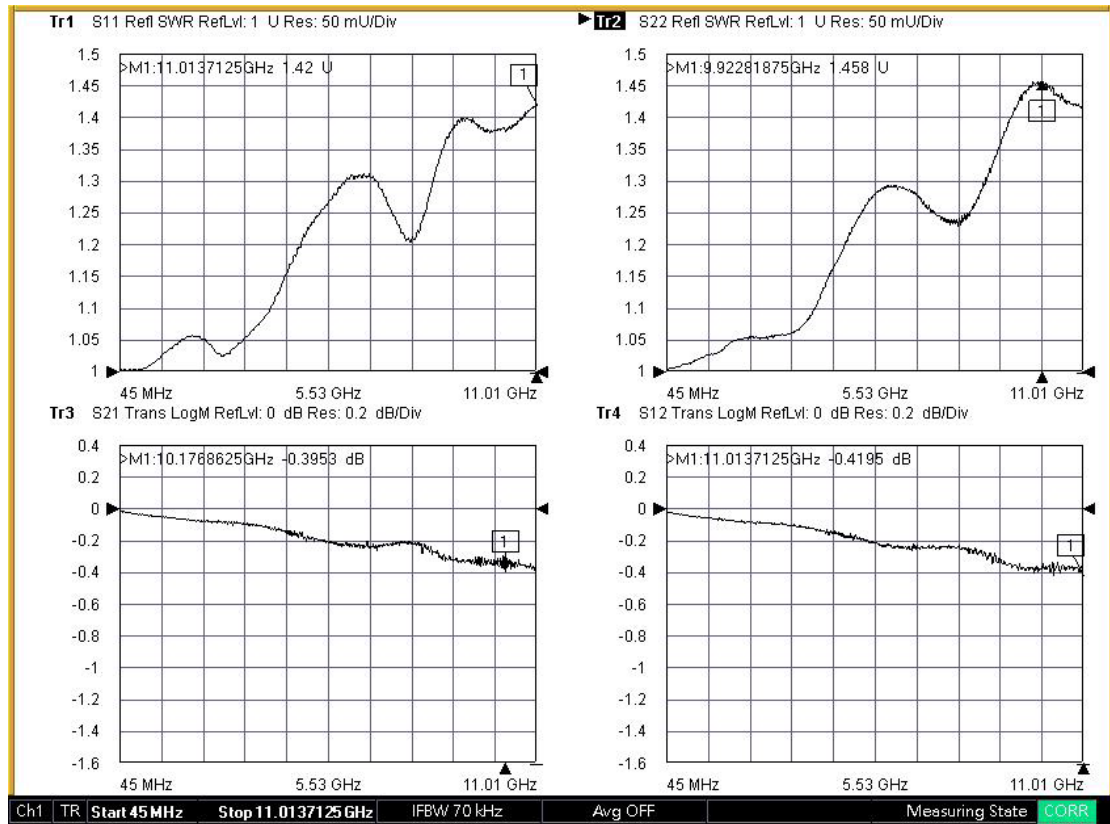
This part number complies with RoHS.

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

AD-MC3B3		SMC Plug To BNC Plug 4GHz VSWR 1.2	
Interface		BNC	SMC
Standard		MIL-STD-348B	MIL-STD-348B
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)	750 V rms		
Working Voltage (at sea level)	250 V rms		
Mechanical Data			
	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	≥ 33.72 lbs	
Contact Captivation-axial	≥ 6.1 lbs	≥ 2.25 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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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.