

AD-A8E3	SMA Jack To MMCX Plug 6GHz VSWR 1.2		50Ω																				
<table><tr><th>Parts</th><th>Material</th><th colspan="2">Plating (Micro-inch)</th></tr><tr><td>Renber Ring</td><td>Beryllium Copper</td><td colspan="2">Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr><tr><td>Center Pin</td><td>Beryllium Copper</td><td colspan="2">Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr><tr><td>Insulator</td><td>Teflon</td><td colspan="2"></td></tr><tr><td>Body</td><td>Brass</td><td colspan="2">Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr></table>				Parts	Material	Plating (Micro-inch)		Renber Ring	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20		Center Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20		Insulator	Teflon			Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	
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Weight:																							

This part number complies with RoHS.

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

AD-A8E3		SMA Jack To MMCX Plug 6GHz VSWR 1.2	
Interface		SMA	MMCX
Standard		MIL-STD-348B	IEC 61169-52
Mechanically Compatible With		2.92 & 3.5	
Electrical Data			
Impedance	50Ω		
Frequency Range	DC To 6GHz		
VSWR	≤ 1.2 (DC To 6GHz)		
Insertion Loss	≤ 0.03 x √f(GHz) dB		
Insulation Resistance	≥ 5000MΩ		
Dielectric Withstanding Voltage (at sea level)	500 V rms		
Working Voltage (at sea level)	170 V rms		
Mechanical Data			
	SMA	MMCX	
Recommended Coupling Nut Torque	4 in-lbs	NA	
Coupling Proof Torque	5.3 in-lbs	NA	
Engagement Force	NA	≤ 3.4 lbs	
Disengagement Force	NA	1.4 to 3.4 lbs	
Contact Captivation-axial	≥ 6.1 lbs	≥ 2.3 lbs	
Durability (mating)	≥ 100	≥ 500	
Environmental Data			
Temperature Range	-55°C to +155°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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