

AD-A8MC8	<b>SMA Jack to SMC Jack</b> <b>10GHz VSWR 1.2</b>	<b>50Ω</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Parts</th> <th style="text-align: center;">Material</th> <th style="text-align: center;">Plating (Micro-inch)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Contact Pin</td> <td style="text-align: center;">Beryllium Copper</td> <td style="text-align: center;">Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td> </tr> <tr> <td style="text-align: center;">Insulator</td> <td style="text-align: center;">Teflon</td> <td></td> </tr> <tr> <td style="text-align: center;">Body</td> <td style="text-align: center;">Brass</td> <td style="text-align: center;">Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td> </tr> </tbody> </table>	Parts	Material	Plating (Micro-inch)	Contact 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	
Parts	Material	Plating (Micro-inch)											
Contact 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											
Weight: 3.92 g													

**This part number complies with RoHS.**

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

AD-A8MC8		SMA Jack to SMC Jack 10GHz VSWR 1.2	
<b>Interface</b>		SMA	SMC
Standard		MIL-STD-348B	MIL-STD-348B
Mechanically Compatible With		2.92 & 3.5	
<b>Electrical Data</b>			
Impedance		50Ω	
Frequency Range		DC To 10GHz	
VSWR		≤ 1.2 (DC To 10GHz)	
Insertion Loss		≤ 0.1 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>			
		SMA	SMC
Recommended Coupling Nut Torque		4 in-lbs	2.2 to 3.1 in-lbs
Coupling Proof Torque		5.3 in-lbs	6.2 in-lbs
Contact Captivation-axial		≥ 6.1 lbs	≥ 2.25 lbs
Durability (mating)		≥ 100	≥ 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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