

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	
Coupling Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	

Weight: 4.41 g

This part number complies with RoHS.

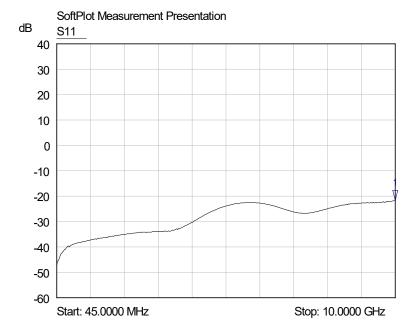
Notice: JYEBAO reserves the right to make modifications deemed appropriate.



AD-A8MC3	SMA Jack to SMC Plug 10GHz VSWR 1.2		
Interface	SMA	SMC	
Standard	MIL-STD-348B	MIL-STD-348B	
Mechanically Compatible With	2.92 & 3.5		
Electrical Data			
Impedance	50Ω		
Frequency Range	DC To 10GHz		
VSWR	≦1.2 (DC To 10GHz)		
Insertion Loss	\leq 0.1 x $\sqrt{f(GHz)} dB$		
Insulation Resistance	\geq 5000M Ω		
Dielectric Withstanding Voltage (at sea level)	750 V rms		
Working Voltage (at sea level)	250 V rms		
Mechanical Data			
	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	
Coupling Nut Retention Force	NA	\ge 33.72 lbs	
Contact Captivation-axial	≧6.1 lbs	\geqq 2.25 lbs	
Durability (mating)	≧100	≧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	
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AD-A8MC3



1 S11 √ 10.0000 GHz 1.18 VSWR