

ADS-A8P8-27-1.15	SMA Jack To SMP Jack 27GHz VSWR 1.15	50Ω																		
<div data-bbox="325 577 1160 945"> </div>																				
<table border="1"> <thead> <tr> <th>Parts</th><th>Material</th><th>Plating (Micro-inch)</th></tr> </thead> <tbody> <tr> <td>Contact Pin</td><td>Beryllium Copper</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr> <tr> <td>Insulator (SMP)</td><td>PPO</td><td></td></tr> <tr> <td>Insulator (SMA)</td><td>Teflon</td><td></td></tr> <tr> <td>Body(SMP)</td><td>Beryllium Copper</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr> <tr> <td>Body(SMA)</td><td>Stainless Steel</td><td>Passivated</td></tr> </tbody> </table>	Parts	Material	Plating (Micro-inch)	Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Insulator (SMP)	PPO		Insulator (SMA)	Teflon		Body(SMP)	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Body(SMA)	Stainless Steel	Passivated		
Parts	Material	Plating (Micro-inch)																		
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20																		
Insulator (SMP)	PPO																			
Insulator (SMA)	Teflon																			
Body(SMP)	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20																		
Body(SMA)	Stainless Steel	Passivated																		

This part number complies with RoHS.

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

ADS-A8P8-27-1.15		SMA Jack To SMP Jack 27GHz VSWR 1.15		
Interface		SMA	SMP	
Standard		MIL-STD-348B	MIL-STD-348B	
Mechanically compatible with		2.92 & 3.5		
Electrical Data				
Impedance	50Ω			
Frequency Range	DC To 27GHz			
VSWR	≤ 1.15 (DC To 27GHz)			
Insertion Loss	≤ 0.06 x √f(GHz) dB			
Insulation Resistance	≥ 5000MΩ			
Dielectric Withstanding Voltage (at sea level)	500 V rms			
Working Voltage (at sea level)	335 V rms			
Mechanical Data		SMA	SMP	
			Full detent	Limited detent Smooth bore Catchers Mit
Recommended Coupling Nut Torque	7 to 9.5 in-lbs	NA	NA	NA
Coupling Proof Torque	15 in-lbs	NA	NA	NA
Contact Captivation-axial	≥ 6.1 lbs	NA	NA	NA
Durability (mating)	≥ 500	≥ 100	≥ 500	≥ 1000
Engagement Force	NA	≤ 15 lbs	≤ 10 lbs	≤ 2 lbs
Disengagement Force	NA	≥ 5 lbs	≥ 2 lbs	≥ 0.5 lbs
Axial Misalignment	NA	+0.00/-0.25(+.000/-0.010)		
Radial Misalignment	NA	+/-0.25(0.010)		
Environmental Data				
Temperature Range	-55°C to +105°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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