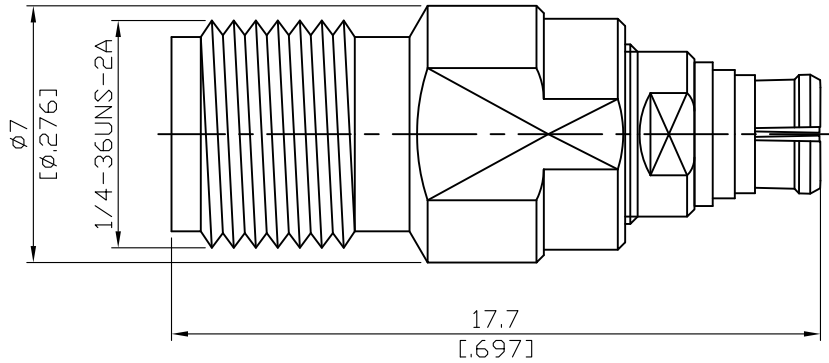


ADS-A8P8-27-1.2

SMA Jack To SMP Jack
27GHz VSWR1.2

50Ω



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: JYEBAO reserves the right to make modifications deemed appropriate.

ADS-A8P8-27-1.2		SMA Jack To SMP Jack 27GHz VSWR 1.2			
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	≤ 1.2 (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	NA
Coupling Proof Torque	15 in-lbs	NA	NA	NA	NA
Contact Captivation-axial	≥ 6.1 lbs	NA	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				

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