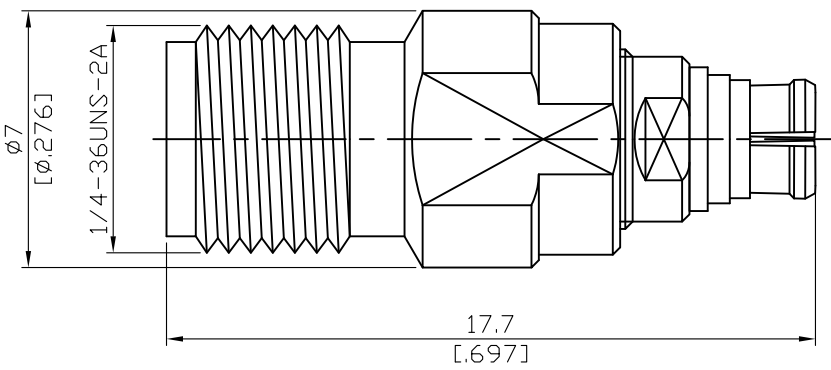


ADS-A8P8-18-1.15	SMA Jack To SMP Jack 18GHz VSWR1.15	50Ω
		
Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator (SMP)	PPO	
Insulator (SMA)	Teflon	
Body(SMP)	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body(SMA)	Stainless Steel	Passivated

This part number complies with RoHS.

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

ADS-A8P8-18-1.15		SMA Jack To SMP Jack 18GHz 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 18GHz			
VSWR	≤ 1.15 (DC To 18GHz)			
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/-.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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ADS-A8P8-18-1.15

