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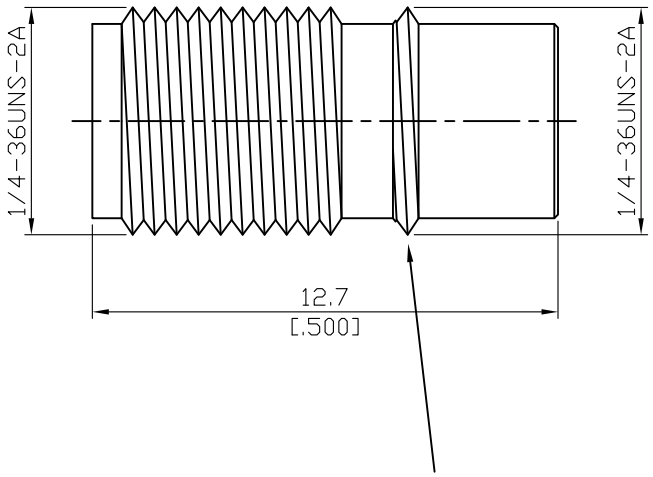
ADS-A8AQ8	SMA Jack To Snap On SMA Jack 18GHz VSWR 1.2	50Ω



*SMA Jack Snap On Design With
Short Thread Ensuring Excellent Mating Reliability.
*Snap On And Give One Turn For Proper Mating

Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Stainless Steel	Passivated

This part number complies with RoHS.
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

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ADS-A8AQ8	SMA Jack To Snap On SMA Jack 18GHz VSWR 1.2

Interface	SMA Jack Screw Side	SMA Jack Snap On Side
Standard	MIL-STD-348B	Per JYEBAO Snap On SMA Jack
Mechanically compatible with	2.92 & 3.5	2.92 & 3.5

Electrical Data	
Impedance	50Ω
Frequency Range	DC To 18GHz
VSWR	≦1.2 (DC To 18GHz)
Insertion Loss	≦0.04 x $\sqrt{f}$(GHz) dB
Insulation Resistance	≧5000MΩ
Dielectric Withstanding Voltage (at sea level)	1500 V rms
Working Voltage (at sea level)	500 V rms

Mechanical Data	
Recommended Coupling Nut Torque	7 to 9.5 in-lbs (Not applicable to snap on side)
Coupling Proof Torque	15 in-lbs (Not applicable to snap on side)
Contact Captivation-axial	≧6.1 lbs
Durability (mating)	≧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
RoHS	Compliant

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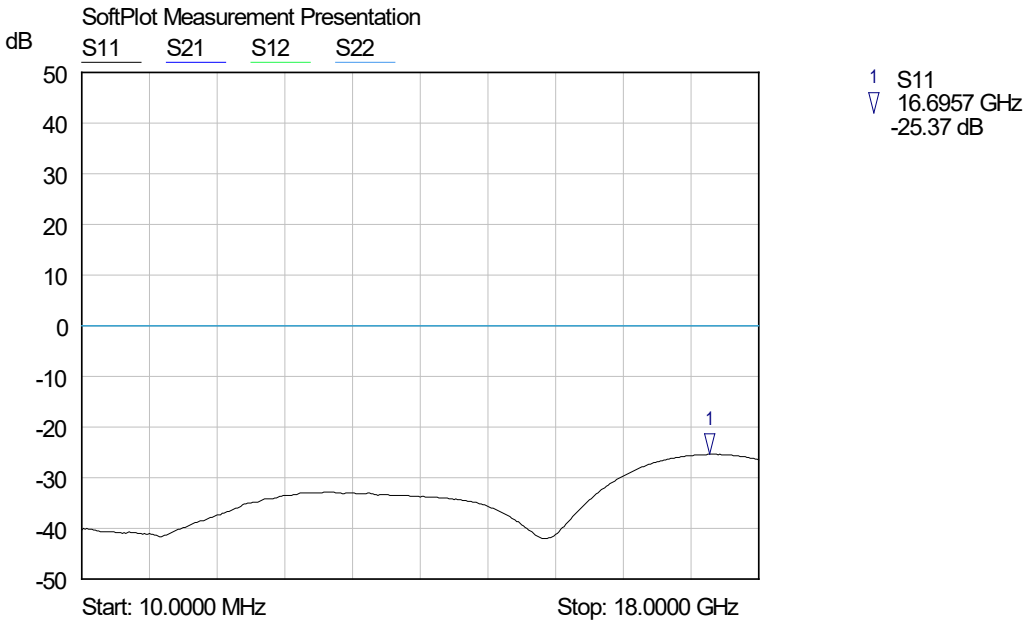
ADS-A8AQ8


SoftPlot Measurement Presentation
dB
S11
S21
S12
S22
50
40
30
20
10
0
-10
-20
-30
-40
-50
1
Start: 10.0000 MHz
Stop: 18.0000 GHz
1 S11
16.6957 GHz
-25.37 dB