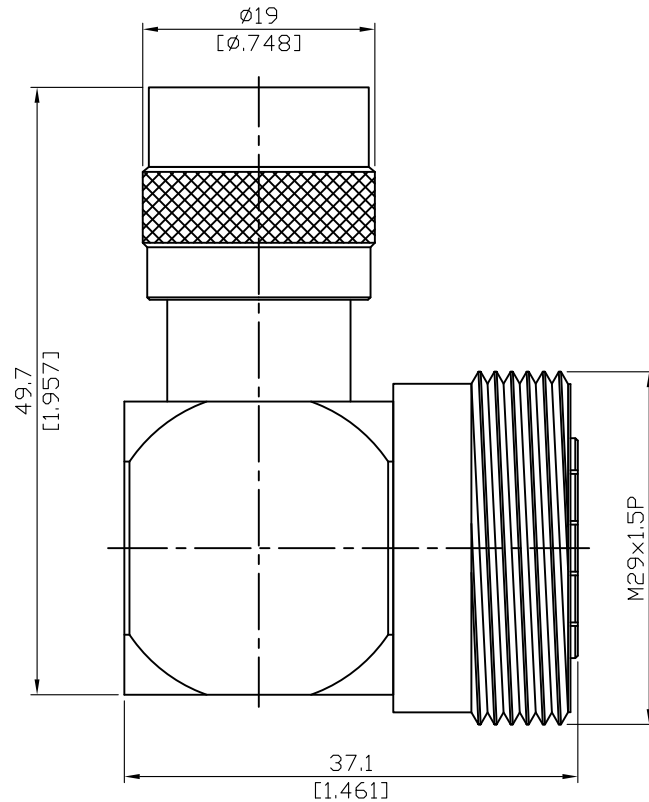


AL-C3DI8	C Plug to 7/16 Jack Right Angle 3GHz VSWR 1.2	50Ω
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Parts	Material	Plating (Micro-inch)
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin (C)	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Pin (7/16)	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Spring	SK5	Tin-Zinc-Copper-Alloy 100 Over Copper 50

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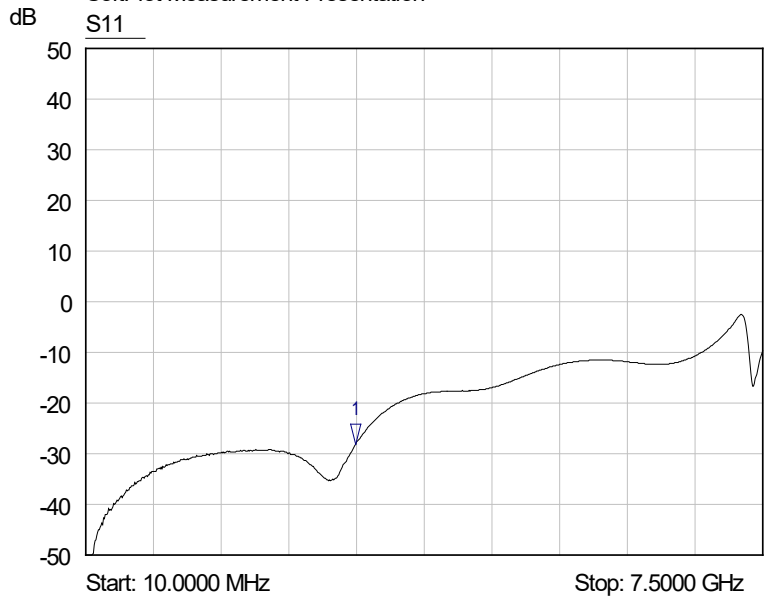
This part number complies with RoHS.

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

AL-C3DI8		C Plug to 7/16 Jack Right Angle 3GHz VSWR 1.2	
Interface		7/16	C
Standard		IEC 60169-4	MIL-STD-348B
Electrical Data			
Impedance	50Ω		
Frequency Range	DC To 3GHz		
VSWR	≤ 1.2 (DC To 3GHz)		
Insertion Loss	≤ 0.1 x √f(GHz) dB		
Insulation Resistance	≥ 10000MΩ		
Dielectric Withstanding Voltage (at sea level)	3000 V rms		
Working Voltage (at sea level)	1000 V rms		
Mechanical Data		7/16	C
Recommended Coupling Nut Torque	260 in-lbs		NA
Coupling Proof Torque	310 in-lbs		NA
Coupling Nut Retention Force	NA		≥ 100 lbs
Contact Captivation-axial	≥ 45 lbs		≥ 6 lbs
Durability (mating)	≥ 500		≥ 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		

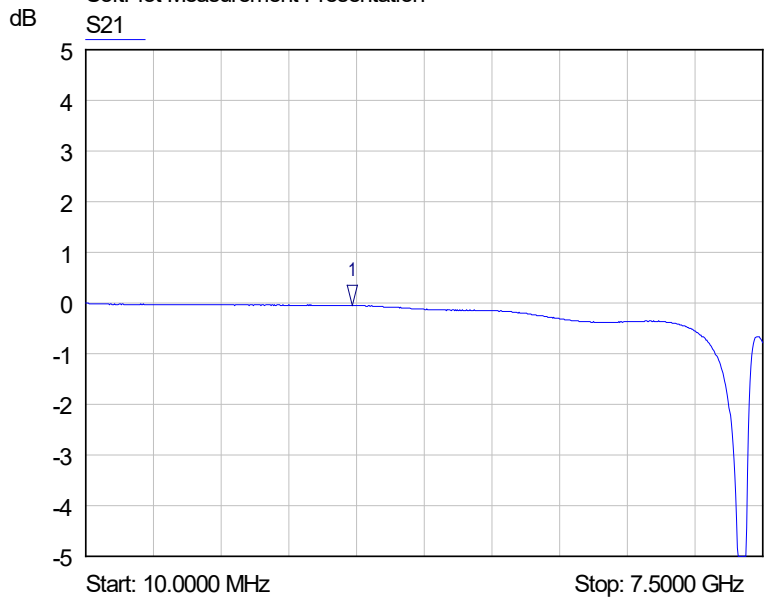
AL-C3DI8

SoftPlot Measurement Presentation
S11



1 S11
▽ 3.0000 GHz
-28.10 dB

SoftPlot Measurement Presentation
S21



1 S21
▽ 2.9600 GHz
-0.05 dB