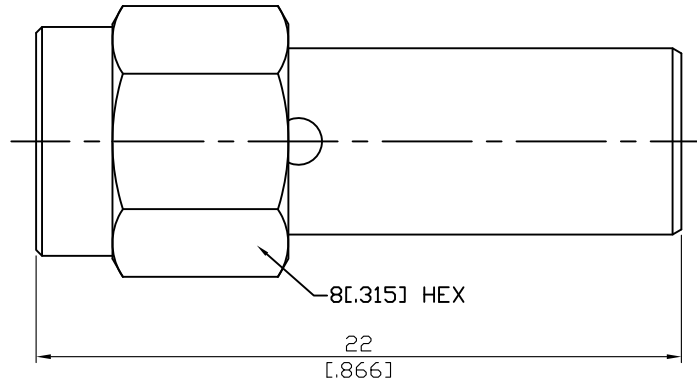


AD-A3QL8	SMA Plug to QLR Jack 1.6GHz VSWR 1.2	50Ω
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Parts	Material	Plating (Micro-inch)
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50

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This part number complies with RoHS.

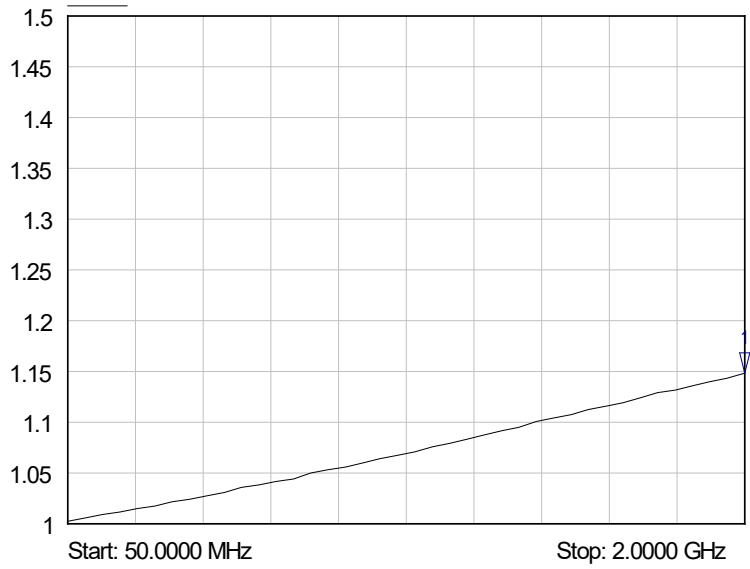
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

AD-A3QL8		SMA Plug to QLR Jack 1.6GHz VSWR 1.2	
Interface		SMA	QLR
Standard		MIL-STD-348B	NIM-CAMAX-Standard CD/N549
Mechanically compatible with		2.92 & 3.5	QLA (H&S); 00.250 (LEMO)
Electrical Data			
Impedance		50Ω	
Frequency Range		DC To 1.6GHz	
VSWR		≤ 1.2 (DC To 1.6GHz)	
Insulation Resistance		≥ 5000MΩ	
Dielectric Withstanding Voltage (at sea level)		1500 V rms, 50Hz	
Working Voltage (at sea level)		≤ 500 V rms, 50Hz	
Mechanical Data		SMA	QLR
Recommended Coupling Nut Torque		4 in-lbs	NA
Coupling Proof Torque		5.3 in-lbs	NA
Coupling Nut Retention Force		≥ 60.7 lbs	NA
Engagement Force (typical)		NA	0.45 lbs
Disengagement Force (typical)		NA	1.1 lbs
Contact Captivation-axial		≥ 6.1 lbs	≥ 4.5 lbs
Durability (mating)		≥ 100	≥ 5000
Environmental Data			
Temperature Range		-55°C to +150°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.

AD-A3QL8

SoftPlot Measurement Presentation
VSWR S11



1 S11
2.0000 GHz
1.15 VSWR