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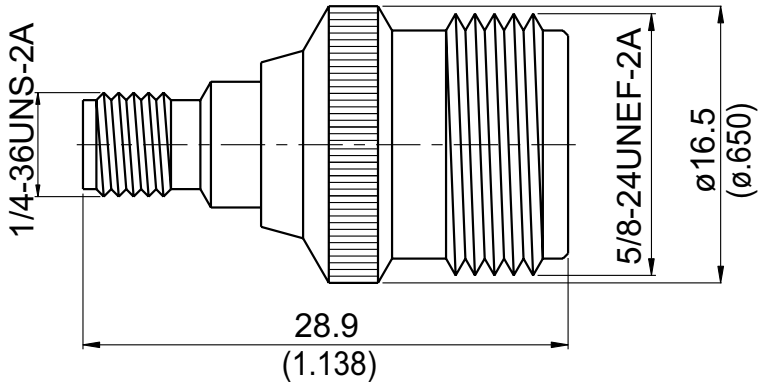
AD-A8N8	SMA Jack To N Jack 11GHz VSWR 1.2	50Ω



Parts	Material	Plating (Micro-inch)
Center Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body(SMA)	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body(N)	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 19.92 g

This part number complies with RoHS.

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

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AD-A8N8	SMA Jack To N Jack 11GHz VSWR 1.2

Interface

	SMA	N
Standard	MIL-STD-348B	MIL-STD-348B
Mechanically compatible with	2.92 & 3.5	

Electrical Data

Impedance	50Ω
Frequency Range	DC To 11GHz
VSWR	≦1.2 (DC To 11GHz)
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

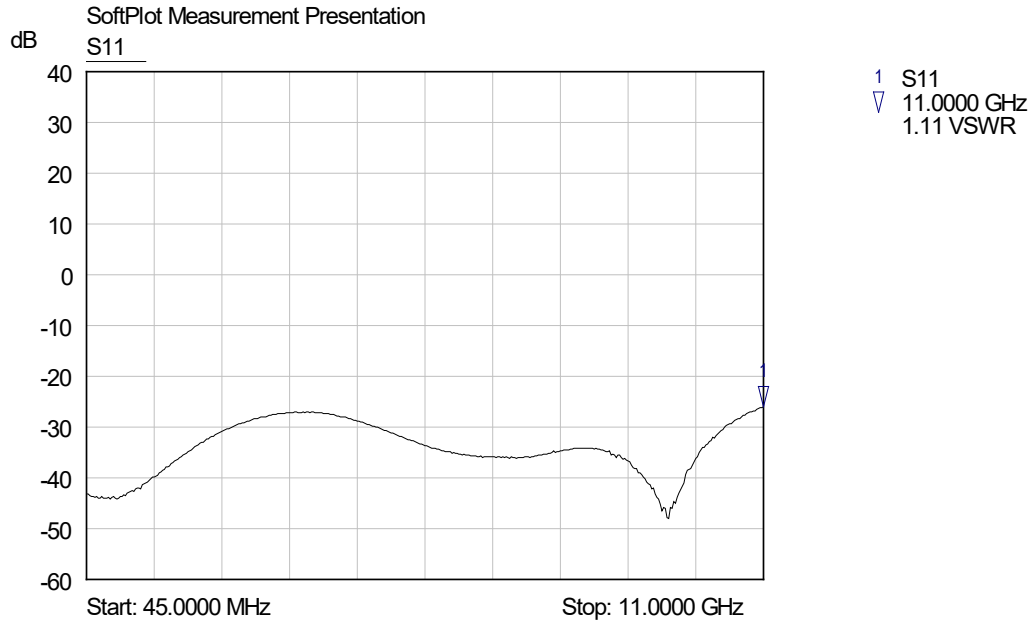
Mechanical Data

	SMA	N
Recommended Coupling Nut Torque	4 in-lbs	6 to 10 in-lbs
Coupling Proof Torque	5.3 in-lbs	15 in-lbs
Contact Captivation-axial	≧6.1 lbs	≧6.3 lbs
Durability (mating)	≧100	≧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

AD-A8N8


SoftPlot Measurement Presentation
S11
dB
40
30
20
10
0
-10
-20
-30
-40
-50
-60
Start: 45.0000 MHz
Stop: 11.0000 GHz
1 S11
11.0000 GHz
1.11 VSWR