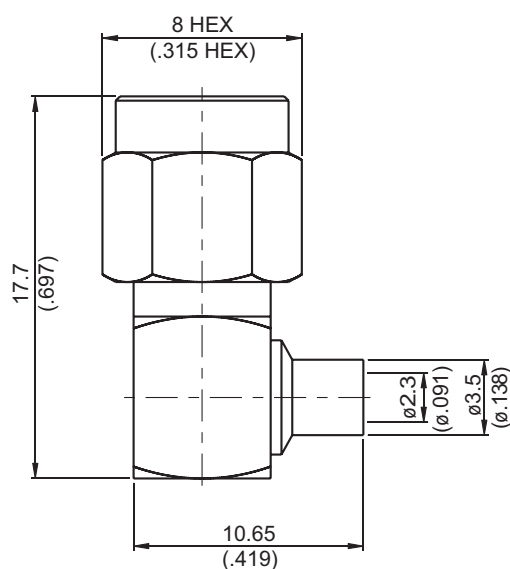


SMA33NP-9085

SMA Plug Solder Right Angle
For RG405, 11GHz VSWR 1.2

50Ω



Parts	Material	Plating (Micro-inch)
Cover	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Renborck Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Barrel	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Coupling Nut	stainless	Passivated

Weight: 5.18 g

Suitable Cables: Semi-rigid.085

This part number complies with RoHS.

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

SMA	SMA33NP-9085
Interface 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 $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 3\text{m}\Omega$ Contact resistance outer conductor $\leq 2\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 1000 V rms Working voltage (at sea level) 335 V rms	
Mechanical Data Recommended coupling nut torque 7 to 9.5 inch lbs Coupling proof torque 15 inch lbs Coupling nut retention force ≥ 60.7 lbs 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 106 Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant	
Tooling Locator tool ST-011 Soldering fixture ST-008 Insert for .085 semi-rigid cable ST-009	

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CABLE ASSEMBLY INSTRUCTION

SMA33NP-9085

JYE BAO CO., LTD.

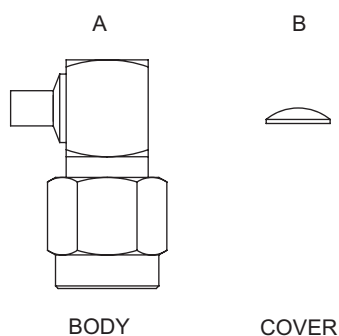
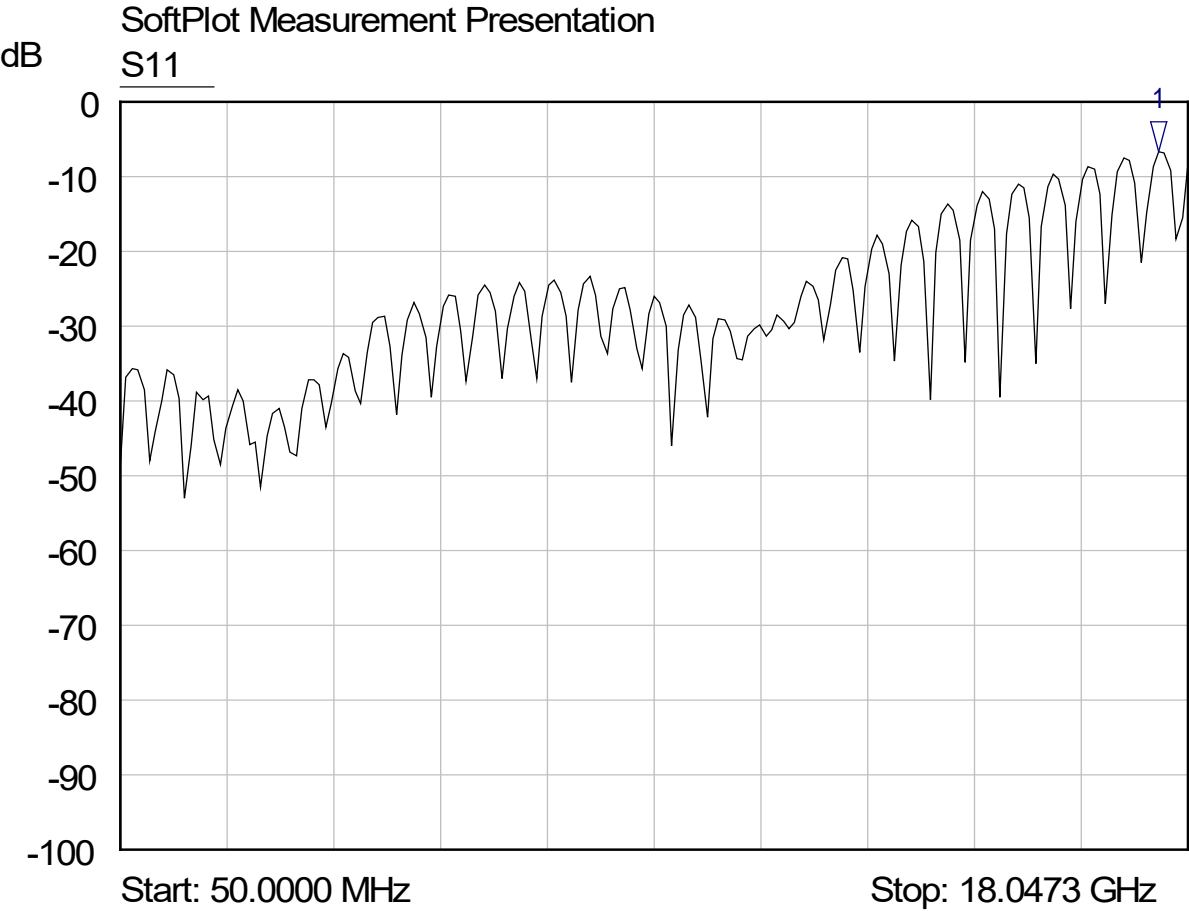


DIAGRAM	ASSEMBLY INSTRUCTION
2.7 [.106]	Step 1: STRIP AS SHOWN.
Y contact pin A	Step 2: SLIDE CENTER CONDUCTOR ON THE CONTACT PIN OF CONNECTOR "A", AND SOLDER IN "Y".
ST-009 ST-008 X S ST-011	Step 3: PUT CABLE INTO SOLDERING FIXTURE "ST-008", AND LOCK IT. PUT CONNECTOR AS SHOWN. Step 4: SCREW LOCATOR TOOL "ST-011" TO THE POSITION AS SHOWN IN "S", AND SOLDER IN "X".
FORCE JIG B	Step 5: PRESS ON THE TOP OF "B" WITH JIGS.

This part number complies with RoHS.

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SMA33NP-9085



1 S11
▽ 17.5528 GHz
-6.72 dB