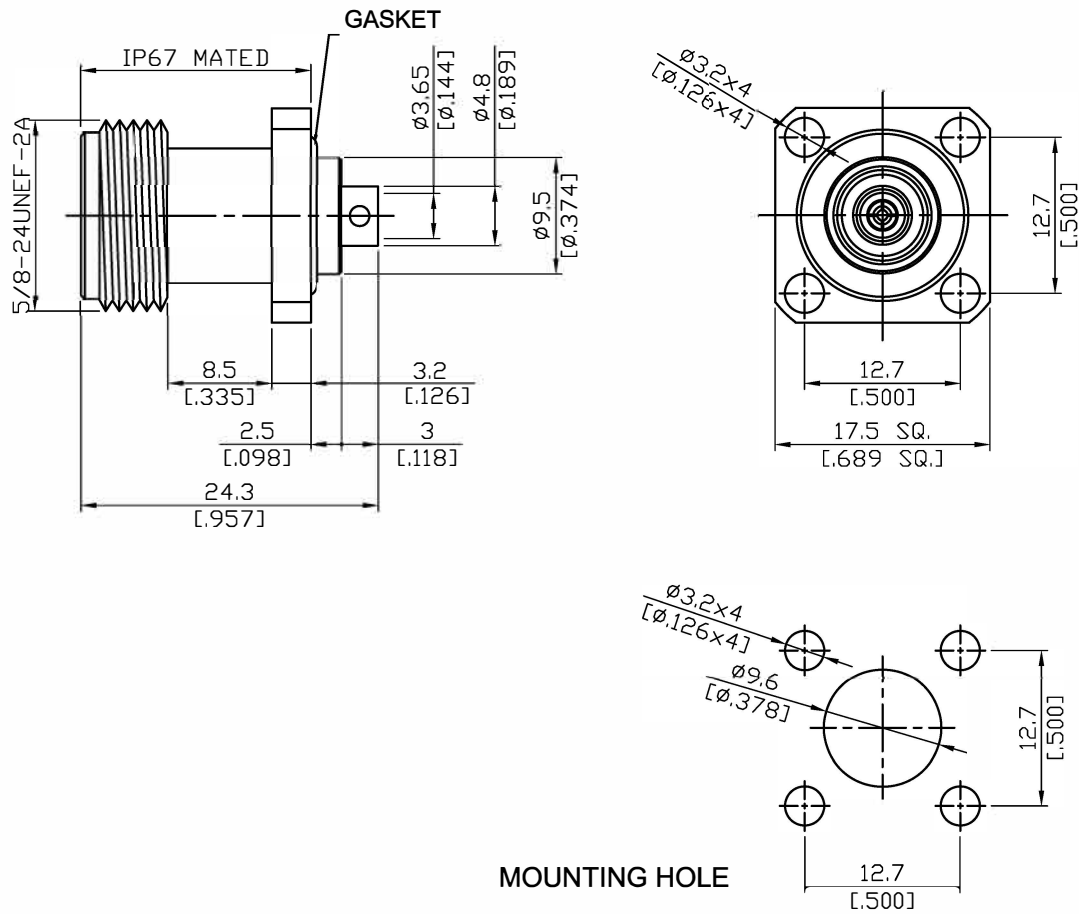


N8346G-0141

N Jack Solder SQ17.5mm 4 Hole Flange,
IP67 Mated, For RG402; 12.4GHz VSWR 1.3

50Ω



Parts	Material	Plating (Micro-inch)
Gasket	Silicone	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	

Suitable Cables: semi-rigid .0141

This part number complies with RoHS.

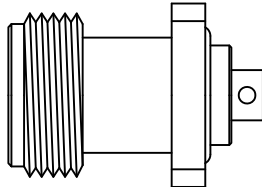
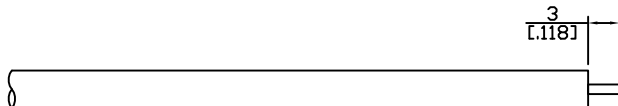
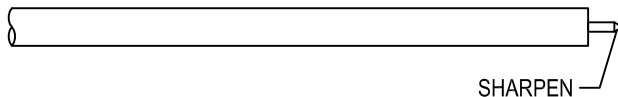
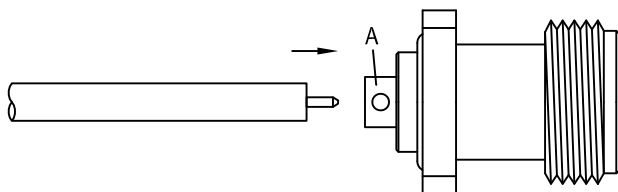
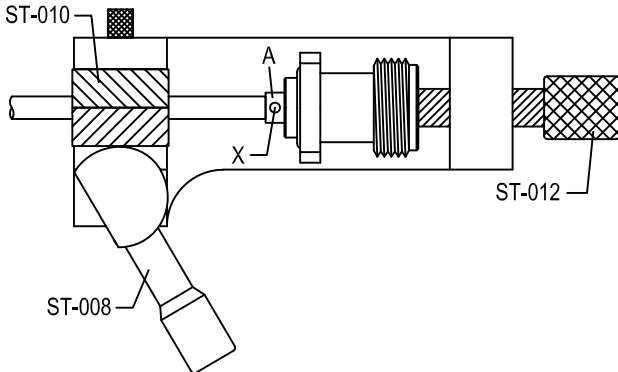
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N		N8346G-0141	
Interface		MIL-STD-348B	
Electrical Data		Impedance 50Ω Frequency range DC to 12.4GHz VSWR ≤ 1.3 (DC to 12.4GHz) Insertion loss $\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 1.5\text{m}\Omega$ Contact resistance outer conductor $\leq 1\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 2500 V rms Working voltage (at sea level) 1000 V rms	
Mechanical Data		Recommended coupling nut torque 6 to 10 inch lbs Coupling proof torque 15 inch lbs Coupling nut retention force ≥ 101.2 lbs Contact captivation-axial ≥ 6.3 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		Soldering fixture ST-008 Insert for .141 semi-rigid cable ST-010 Locator tool ST-012	

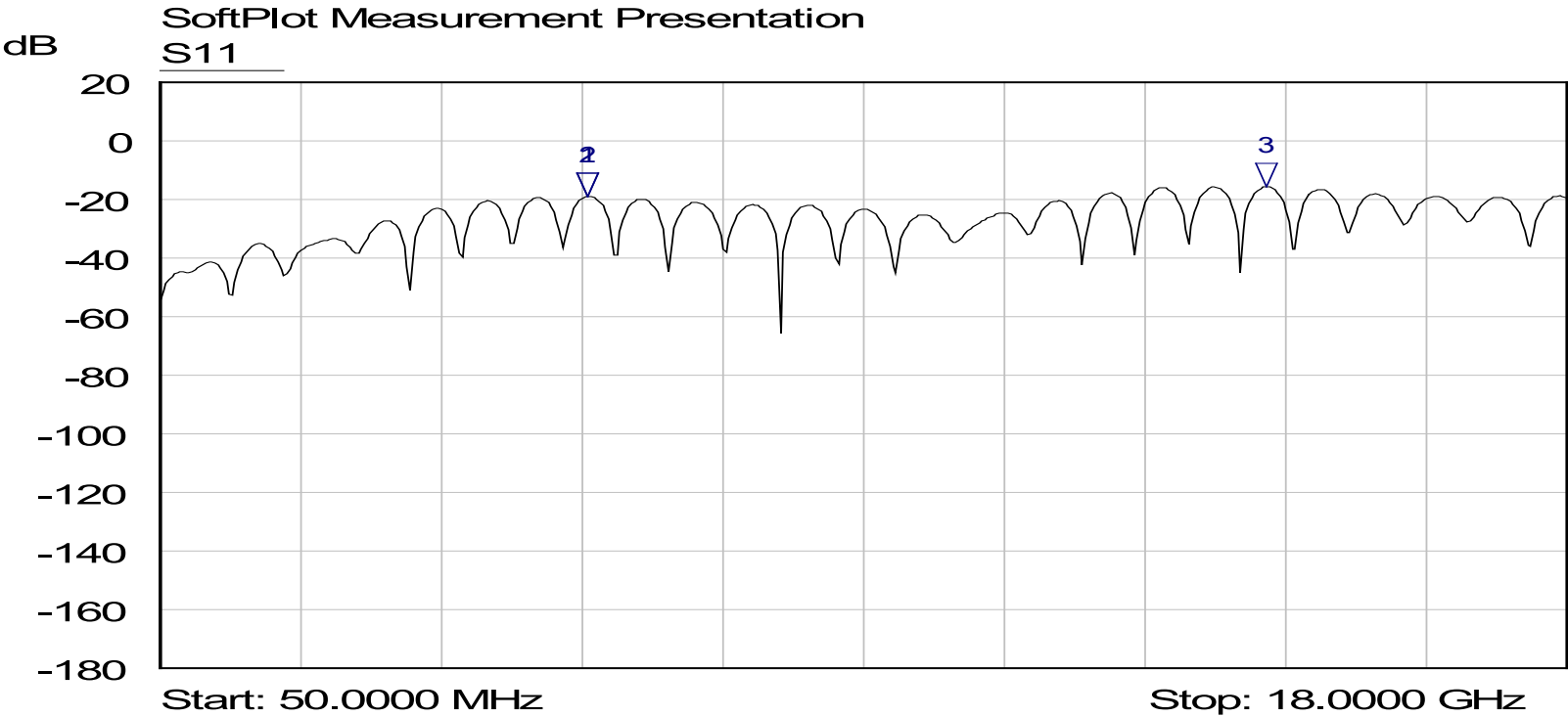
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JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

N8346G-0141		DATE	2014/04/29	REV	—
A  BODY + GASKET					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SHARPEN CENTER CONDUCTOR TIP.		
			Step 3: SLIDE CABLE INTO THE CONNECTOR BODY " A " .		
			Step 4: USE SOLDERING FIXTURE " ST-008 " , INSERT TOOL " ST-010 " AND LOCATOR TOOL " ST-012 " TO FIX THE CONNECTOR. SOLDER IN " X " .		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

N8346G-0141



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S11	5.5111 GHz	-18.93 dB	
2 ▽	S11	5.5111 GHz	-18.93 dB	
3 ▽	S11	14.1610 GHz	-15.63 dB	