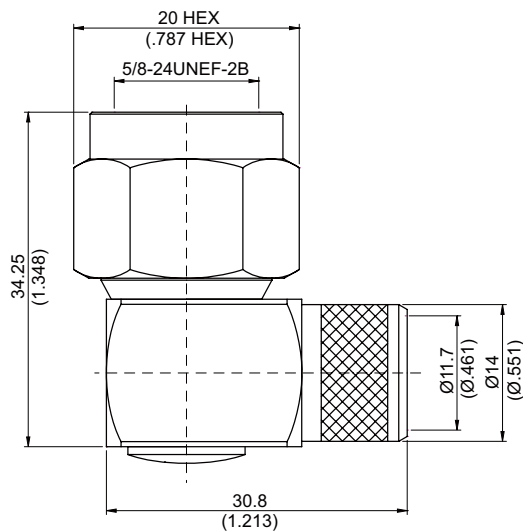


N3100AS-9L600

N Plug Crimp Right Angle
For JBY600,LMR600; 5.8GHz VSWR 1.2 **50Ω**



Parts	Material	Plating(Micro-inch)
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Barrel	Stainless Steel	Passivated
Contact Body	Stainless Steel	Passivated
Body	Stainless Steel	Passivated
Coupling Nut	Stainless Steel	Passivated

Suitable Cables: JBY600,LMR600

This part number complies with RoHS.

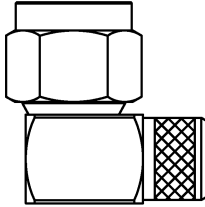
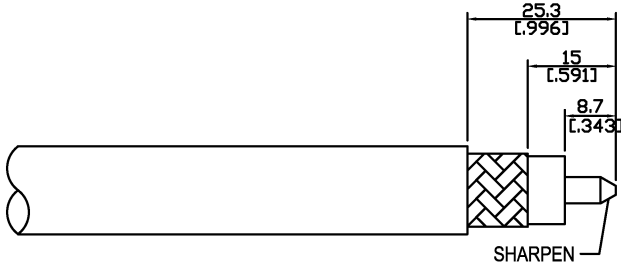
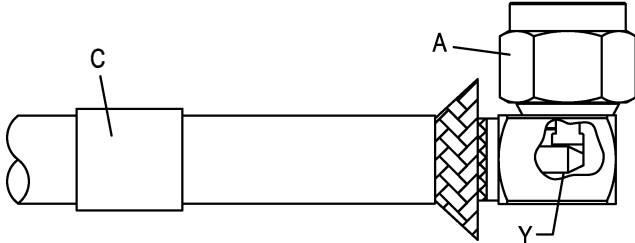
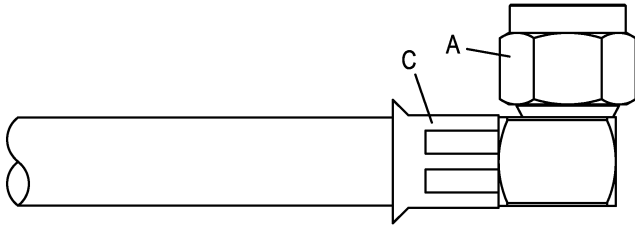
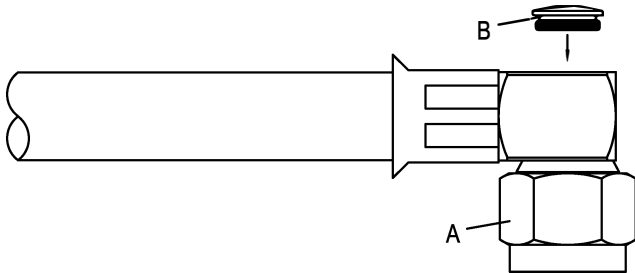
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N	N3100AS-9L600
Interface MIL-STD-348B	
Electrical Data Impedance 50Ω Frequency range DC to 5.8GHz VSWR ≤ 1.2 (DC to 5.8GHz) 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 Crimping tool CRT-3 Crimp insert INSERT-FA	

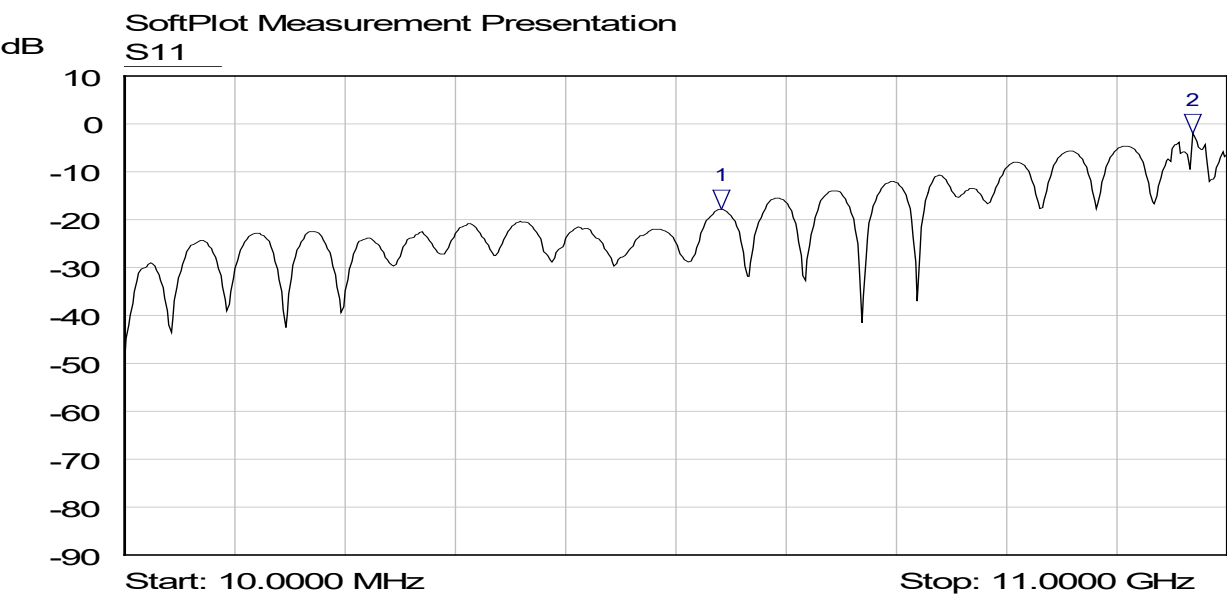
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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

N3100AS-9L600		DATE	2014/04/29	REV	—
A  BODY B  NUT C  FERRULE					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN. Step 2: SHARPEN CENTER CONDUCTOR TIP.		
			Step 3: SLIDE FERRULE "C" OVER CABLE. Step 4: WRAP THE BRAIDING UPWARDS. Step 5: SLIDE CENTER CONDUCTOR ON THE CONTACT PIN OF CONNECTOR "A" AND SOLDER IN "Y".		
			Step 6: SLIDE FERRULE "C" TOWARDS THE CONNECTOR "A" AND CRIMP. (USE 15.5mm/0.610inch HEX SECTION OF INSERT-FA)		
			Step 7: FINALLY SCREW "B" ON THE CONNECTOR BODY "A".		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

N3100AS-9L600



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S11	5.9533 GHz	-17.79 dB	
2 ▽	S11	10.6559 GHz	-1.96 dB	