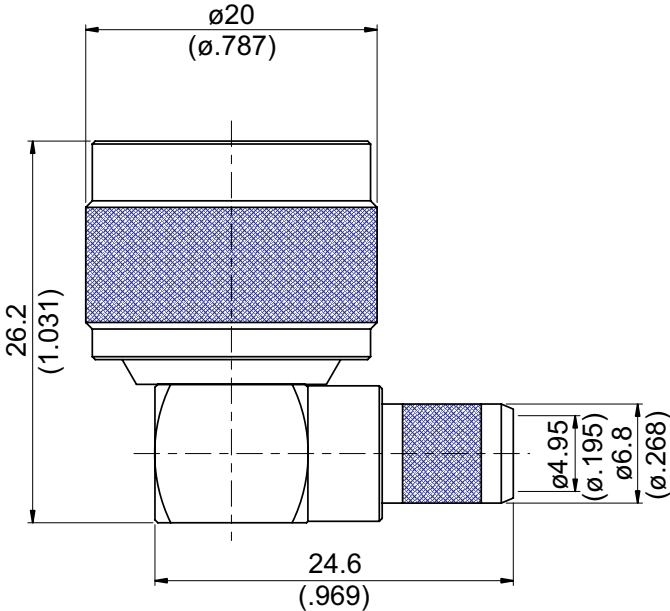


N3100-9L300	N Plug Crimp Right Angle For JBY300,LMR300; 6GHz VSWR 1.2		50Ω																								
																											
<table><tr><th>Parts</th><th>Material</th><th>Plating(Micro-inch)</th></tr><tr><td>Nut</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Ferrule</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Gasket</td><td>Silicon</td><td></td></tr><tr><td>Contact Pin</td><td>Brass</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr><tr><td>Insulator</td><td>Teflon</td><td></td></tr><tr><td>Body</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Coupling Nut</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr></table>				Parts	Material	Plating(Micro-inch)	Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Ferrule	Brass	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		Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
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Weight: 32.7 g Suitable Cables: JBY300, LMR300																											

This part number complies with RoHS.

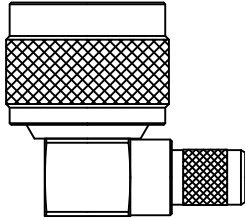
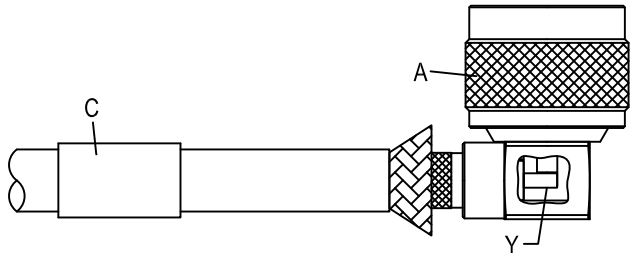
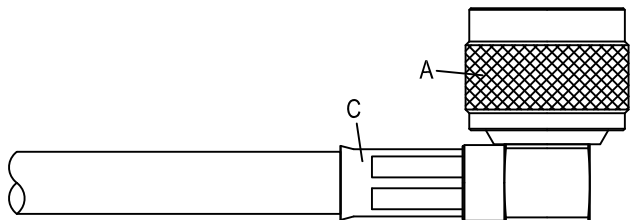
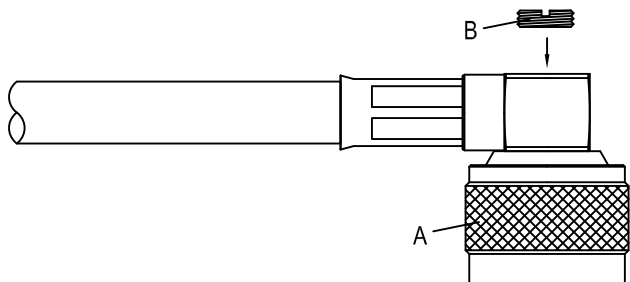
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N		N3100-9L300	
Interface		MIL-STD-348B	
Electrical Data		Impedance 50Ω Frequency range DC to 6GHz VSWR ≤ 1.2 (DC to 6GHz) 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-1 or CRT-2 Crimp insert INSERT-D	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

N3100-9L300		DATE	2014/04/29	REV	—
A  BODY B  NUT C  FERRULE					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE FERRULE " C " OVER CABLE. Step 3: WRAP THE BRAIDING UPWARDS. Step 4: SLIDE CENTER CONDUCTOR ON THE CONTACT PIN OF CONNECTOR " A " AND SOLDER IN " Y ".		
			Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 7.9mm/0.311inch HEX SECTION OF INSERT-D)		
			Step 6: 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	

N3100-9L300

