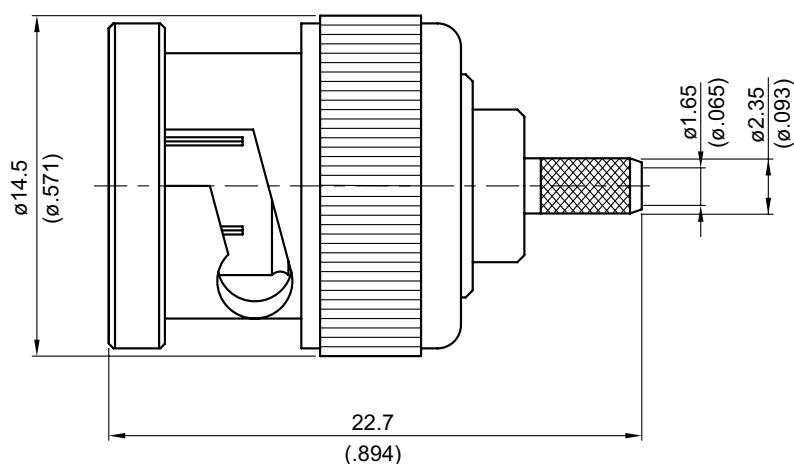


BNC31ND-0179

**BNC plug crimp for RG179;
2GHz VSWR 1.2 & 4GHz VSWR1.3**

75Ω



Parts	Material	Plating (Micro-inch)
Ferrule	Brass	Tin-Zinc-Copper-Alloy 50 Over Copper 50
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicone	
Washer	Brass	Tin-Zinc-Copper-Alloy 50 Over Copper 50
Spring	SK5	Tin-Zinc-Copper-Alloy 50 Over Copper 50
Insulator	Delrin	
Body	Brass	Tin-Zinc-Copper-Alloy 50 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 50 Over Copper 50

Weight:

Suitable Cables: RG179, RG179-FEP

This part number complies with RoHS.

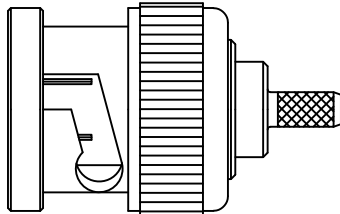
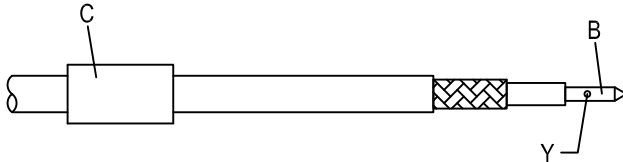
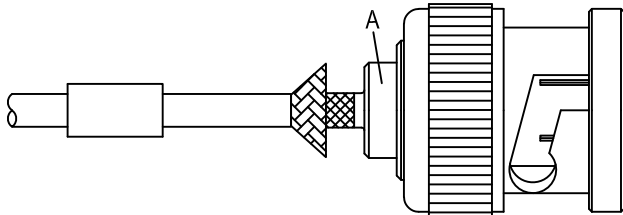
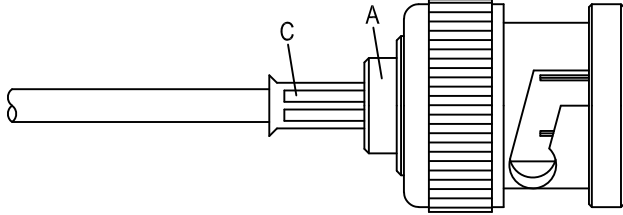
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

BNC		BNC31ND-0179	
Interface		MIL-STD-348B	
Electrical Data		Impedance 75Ω Frequency range DC to 4GHz VSWR ≤ 1.2 (2GHz) ; ≤ 1.4 (4GHz) Insertion loss $\leq 0.1 \times \sqrt{f(\text{GHz})}$ 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) 1500 V rms Working voltage (at sea level) 500 V rms	
Mechanical Data		Recommended coupling nut torque 0.6 to 2.5 inch lbs Coupling nut retention force ≥ 101.2 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		Crimping tool CRT-1 or CRT-2 Crimp insert INSERT-A	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

BNC31ND-0179		DATE	2017/03/27	REV	—
A B C  BODYCONTACT PINFERRULE					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE FERRULE " C " OVER CABLE. Step 3: PUT CONTACT PIN " B " ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN " Y ". (USE SQUARE 0.7mm/0.028inch SECTION OF INSERT-A IF CRIMPED)		
			Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.		
			Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 3.3mm/0.130inch HEX SECTION OF INSERT-A)		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

BNC31ND-0179

S11

