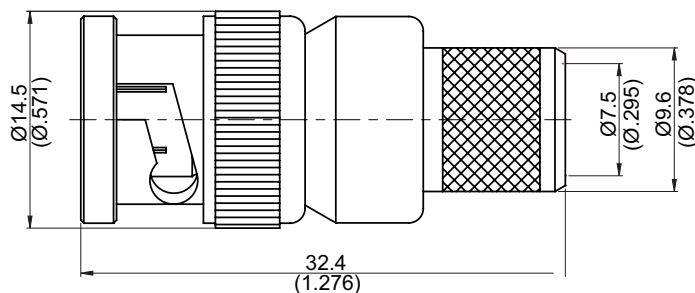


BNC31EZ-L400

BNC plug crimp for JBY400, LMR400; 50Ω
2GHz VSWR 1.25



Parts	Material	Plating(Micro-inch)
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicon	
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Spring	SK5	
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 13.32 g

Suitable Cables: JBY400, LMR400

This part number complies with RoHS.

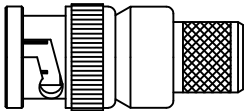
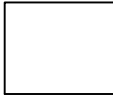
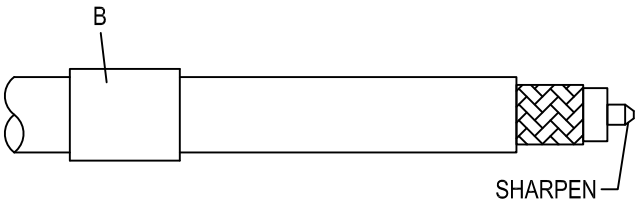
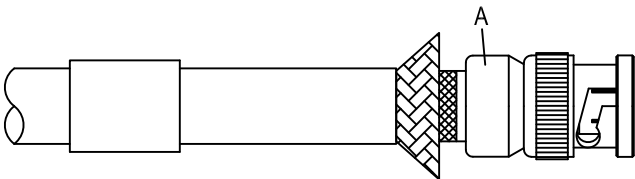
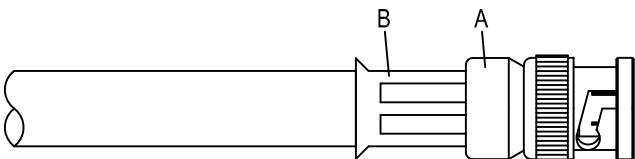
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

BNC	BNC31EZ-L400
Interface MIL-STD-348B	
Electrical Data Impedance Frequency range VSWR Insertion loss Insulation resistance Contact resistance inner conductor Contact resistance outer conductor Dielectric withstanding voltage (at sea level) Working voltage (at sea level) 50Ω DC to 2GHz ≤ 1.25 (DC to 2GHz) $\leq 0.1 \times \sqrt{f(\text{GHz})}\text{dB}$ $\geq 5000\text{M}\Omega$ $\leq 1.5\text{m}\Omega$ $\leq 1\text{m}\Omega$ 1500 V rms 500 V rms	
Mechanical Data Recommended coupling nut torque Coupling nut retention force Contact captivation-axial Durability (mating) 0.6 to 2.5 inch lbs ≥ 101.2 lbs ≥ 6.1 lbs ≥ 500	
Environmental Data Temperature range Thermal shock Moisture resistance Corrosion RoHS -65°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 106 MIL-STD-202, Method 101, Condition B Compliant	
Tooling Crimping tool Crimp insert CRT-1 or CRT-2 INSERT-C	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

BNC31EZ-L400		DATE	2009/03/25	REV	—
A			B		
					
BODY			FERRULE		
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SHARPEN CENTER CONDUCTOR TIP. Step 3: SLIDE FERRULE " B " OVER CABLE. NOTE: THE STRIPPED CABLE AND POINTED CENTER CONDUCTOR MUST BE STRAIGHT (180°).		
			Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.		
			Step 5: SLIDE FERRULE " B " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 10.7mm/0.421inch HEX SECTION OF INSERT-C)		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

BNC31EZ-L400

S11

