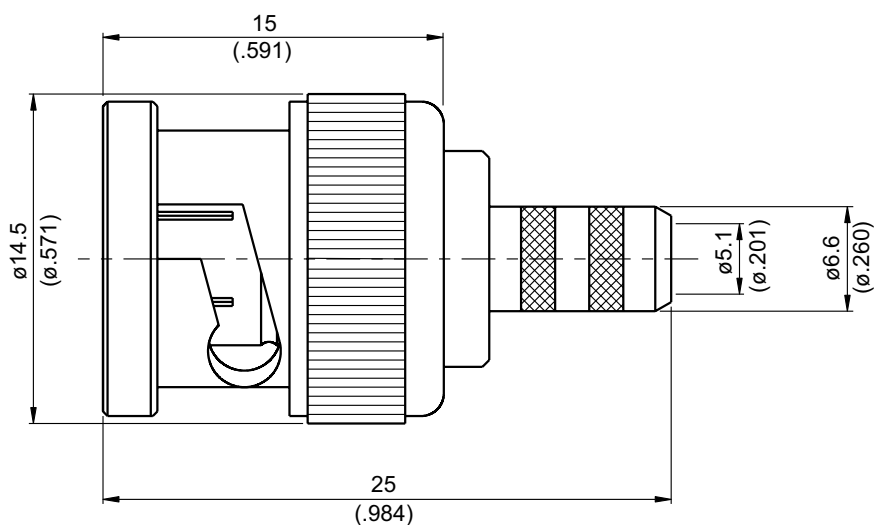


BNC3100-05C2V

BNC Plug Crimp
For 5C-2V; 2GHz VSWR 1.2

75Ω



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

Weight: 9.56 g

Suitable Cables: 5C-2V

This part number complies with RoHS.

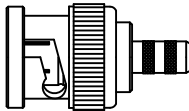
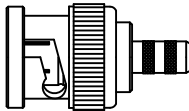
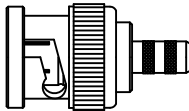
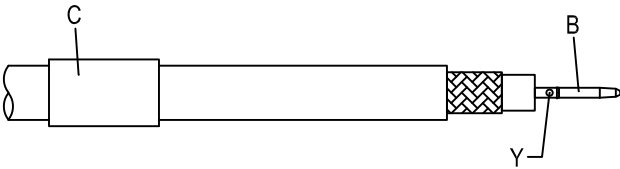
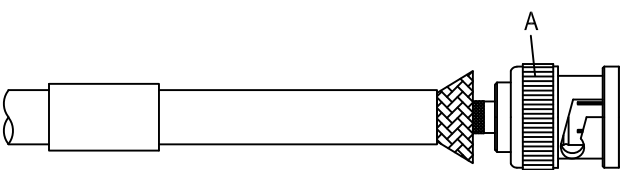
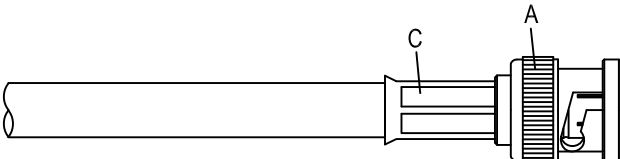
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

BNC		BNC3100-05C2V	
Interface		MIL-STD-348B	
Electrical Data		Impedance 75Ω Frequency range DC to 2GHz VSWR ≤ 1.2 (DC to 2GHz) Insertion loss $\leq 0.1 \times \sqrt{f(\text{GHz})}\text{dB}$ 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-D	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

BNC3100-05C2V		DATE	2021/02/25	REV	A									
<table><tr><td>A</td><td>B</td><td>C</td></tr><tr><td></td><td></td><td></td></tr><tr><td>BODY</td><td>CONTACT PIN</td><td>FERRULE</td></tr></table>						A	B	C				BODY	CONTACT PIN	FERRULE
A	B	C												
														
BODY	CONTACT PIN	FERRULE												
DIAGRAM			ASSEMBLY INSTRUCTION											
			Step 1: STRIP AS SHOWN.											
			Step 2: SLIDE FERRULE " C " OVER CABLE. Step 3: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".											
			Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.											
			Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 8.2mm/0.322inch HEX SECTION OF INSERT-D)											
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.														
APPROVED		CHECKED		DRAWING										
				Albert										