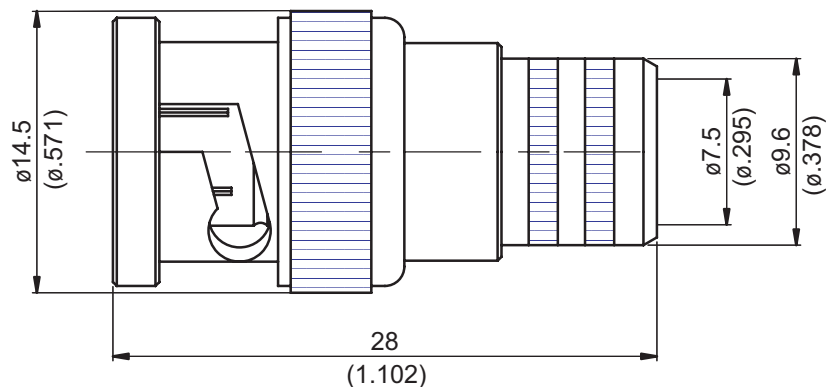


BNC3100-L400

BNC Plug Crimp For JBY400,LMR400
1.8GHz VSWR 1.2

50Ω



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	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: 14.21 g

Suitable Cables: JBY400

This part number complies with RoHS.

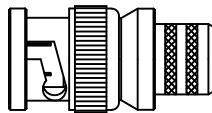
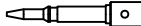
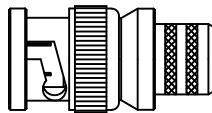
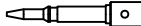
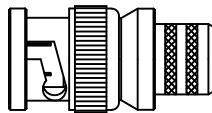
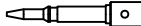
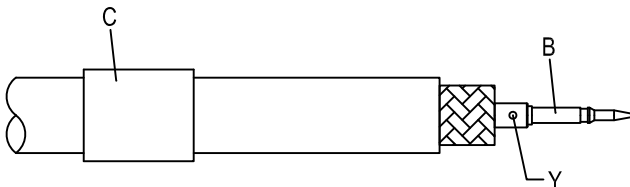
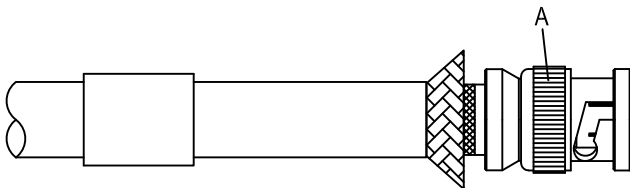
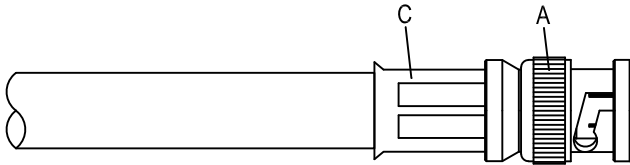
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

BNC	BNC3100-L400																		
Interface MIL-STD-348B																			
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 1.8GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.2 (DC to 1.8GHz)</td></tr> <tr> <td>Insertion loss</td><td>$\leq 0.1 \times \sqrt{f(\text{GHz})}$dB</td></tr> <tr> <td>Insulation resistance</td><td>$\geq 5000\text{M}\Omega$</td></tr> <tr> <td>Contact resistance inner conductor</td><td>$\leq 1.5\text{m}\Omega$</td></tr> <tr> <td>Contact resistance outer conductor</td><td>$\leq 1\text{m}\Omega$</td></tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td><td>1500 V rms</td></tr> <tr> <td>Working voltage (at sea level)</td><td>500 V rms</td></tr> </table>		Impedance	50Ω	Frequency range	DC to 1.8GHz	VSWR	≤ 1.2 (DC to 1.8GHz)	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
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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

BNC3100-L400		DATE	2017/03/27	REV	—									
<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 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										

BNC3100-L400

S11

