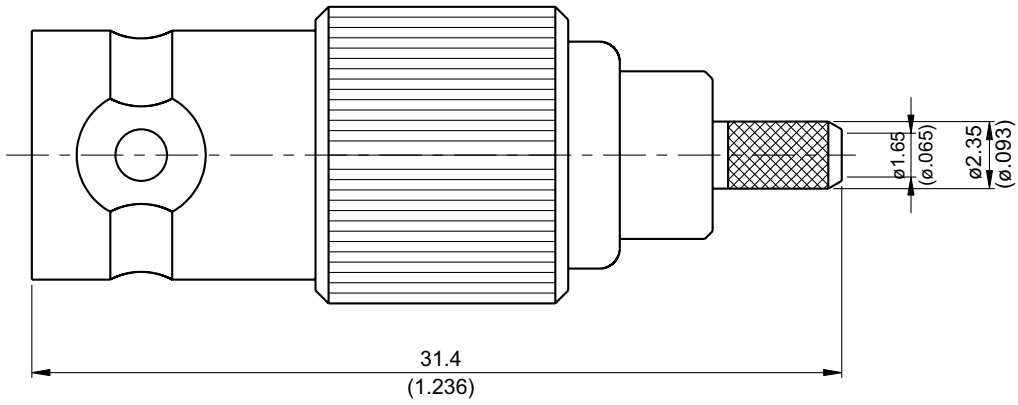


BNC8100-0179	BNC Jack Crimp For RG179, RG179-FEP 3GHz VSWR 1.25		75Ω																					
																								
<table><tr><th>Parts</th><th>Material</th><th>Plating (Micro-inch)</th></tr><tr><td>Ferrule</td><td>Copper</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Barrel</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Insulator</td><td>Teflon</td><td></td></tr><tr><td>Contact Pin</td><td>Phosphor Bronze</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr><tr><td>Body</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Small Pin</td><td>Brass</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr></table>				Parts	Material	Plating (Micro-inch)	Ferrule	Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Barrel	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Insulator	Teflon		Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Small Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Parts	Material	Plating (Micro-inch)																						
Ferrule	Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50																						
Barrel	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50																						
Insulator	Teflon																							
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20																						
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50																						
Small Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20																						
Weight: 10.58 g Suitable Cables: RG179, RG179-FEP																								

This part number complies with RoHS.

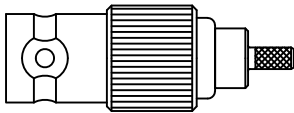
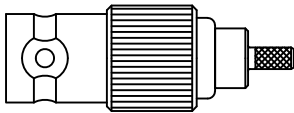
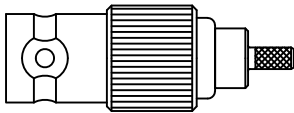
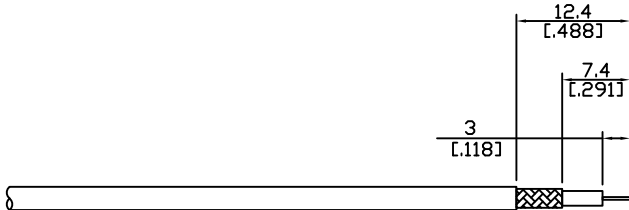
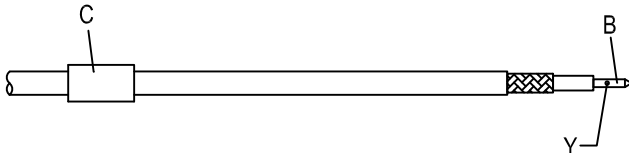
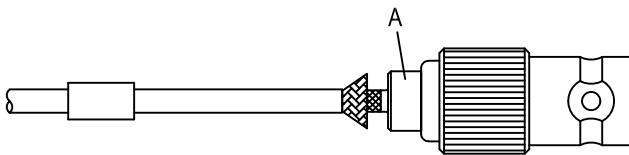
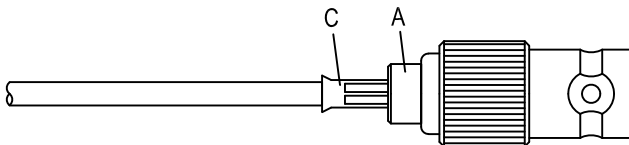
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

BNC	BNC8100-0179																		
Interface MIL-STD-348B																			
Electrical Data <table> <tr> <td>Impedance</td><td>75Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 3GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.25 (DC to 3GHz)</td></tr> <tr> <td>Insertion loss</td><td>≤ 0.1 x √f(GHz)dB</td></tr> <tr> <td>Insulation resistance</td><td>≥ 5000MΩ</td></tr> <tr> <td>Contact resistance inner conductor</td><td>≤ 1.5mΩ</td></tr> <tr> <td>Contact resistance outer conductor</td><td>≤ 1mΩ</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	75Ω	Frequency range	DC to 3GHz	VSWR	≤ 1.25 (DC to 3GHz)	Insertion loss	≤ 0.1 x √f(GHz)dB	Insulation resistance	≥ 5000MΩ	Contact resistance inner conductor	≤ 1.5mΩ	Contact resistance outer conductor	≤ 1mΩ	Dielectric withstanding Voltage (at sea level)	1500 V rms	Working voltage (at sea level)	500 V rms
Impedance	75Ω																		
Frequency range	DC to 3GHz																		
VSWR	≤ 1.25 (DC to 3GHz)																		
Insertion loss	≤ 0.1 x √f(GHz)dB																		
Insulation resistance	≥ 5000MΩ																		
Contact resistance inner conductor	≤ 1.5mΩ																		
Contact resistance outer conductor	≤ 1mΩ																		
Dielectric withstanding Voltage (at sea level)	1500 V rms																		
Working voltage (at sea level)	500 V rms																		
Mechanical Data <table> <tr> <td>Recommended coupling nut torque</td><td>0.6 to 2.5 inch lbs</td></tr> <tr> <td>Contact captivation-axial</td><td>≥ 6.1 lbs</td></tr> <tr> <td>Durability (mating)</td><td>≥ 500</td></tr> </table>		Recommended coupling nut torque	0.6 to 2.5 inch lbs	Contact captivation-axial	≥ 6.1 lbs	Durability (mating)	≥ 500												
Recommended coupling nut torque	0.6 to 2.5 inch lbs																		
Contact captivation-axial	≥ 6.1 lbs																		
Durability (mating)	≥ 500																		
Environmental Data <table> <tr> <td>Temperature range</td><td>-65°C to +165°C</td></tr> <tr> <td>Thermal shock</td><td>MIL-STD-202, Method 107, Condition B</td></tr> <tr> <td>Moisture resistance</td><td>MIL-STD-202, Method 106</td></tr> <tr> <td>Corrosion</td><td>MIL-STD-202, Method 101, Condition B</td></tr> <tr> <td>RoHS</td><td>Compliant</td></tr> </table>		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								
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 <table> <tr> <td>Crimping tool</td><td>CRT-1 or CRT-2</td></tr> <tr> <td>Crimp insert</td><td>INSERT-A</td></tr> </table>		Crimping tool	CRT-1 or CRT-2	Crimp insert	INSERT-A														
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

BNC8100-0179		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>SMALL PIN</td><td>FERRULE</td></tr></table>						A	B	C				BODY	SMALL PIN	FERRULE
A	B	C												
														
BODY	SMALL 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 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										

BNC8100-0179

