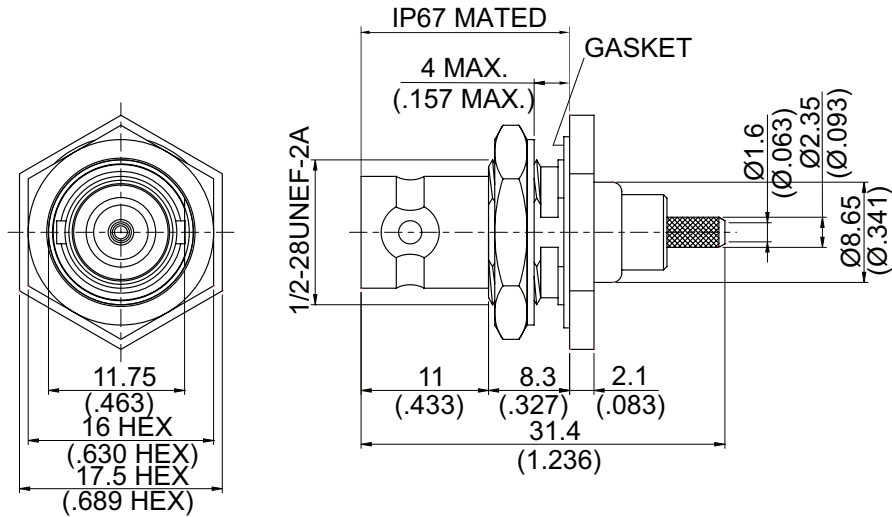


BNC8105-0316

BNC Jack Crimp Bulkhead, IP67 Mated
For RG174, RG188, RG316; 4GHz VSWR 1.3

50Ω



Parts	Material	Plating (Micro-inch)
Ferrule	Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Hex Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
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
Small Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 15.68 g

Suitable Cables: RG174, RG188, RG316, RG316-FEP

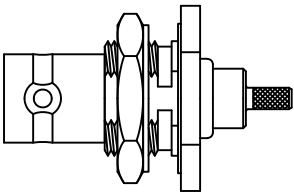



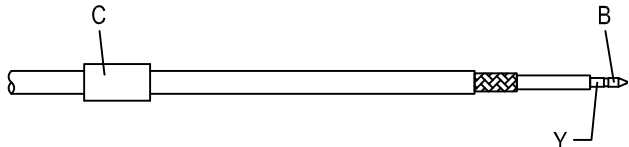
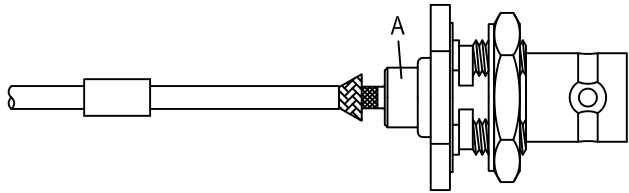
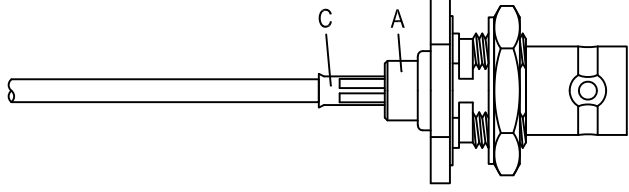
This part number complies with RoHS.

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

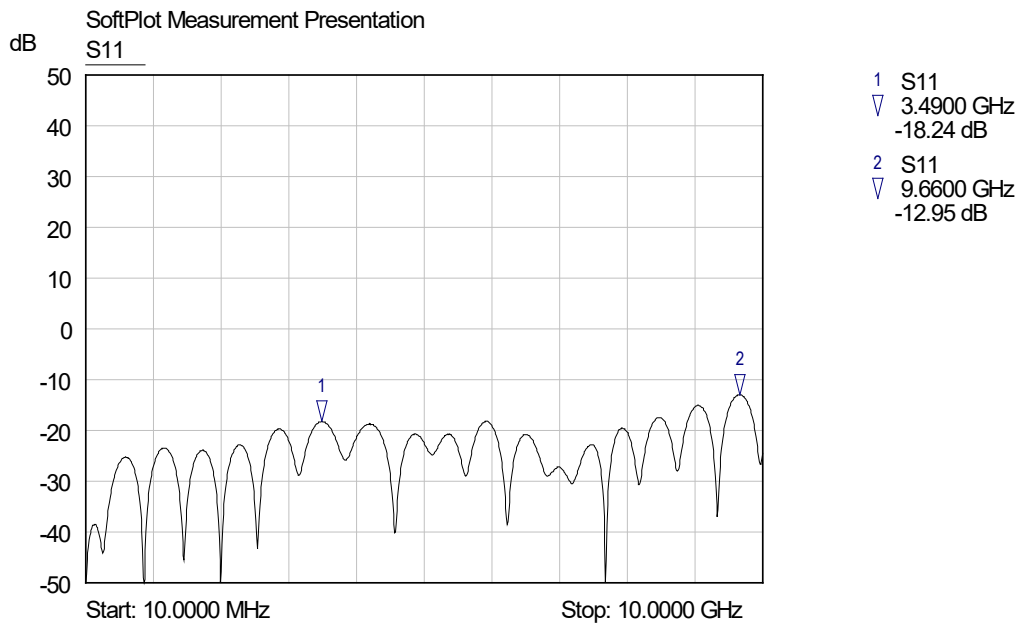
BNC	BNC8105-0316																		
<div data-bbox="169 344 568 389" style="border: 1px solid black; padding: 2px;">Interface</div> MIL-STD-348B																			
<div data-bbox="169 512 568 557" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Impedance</td> <td style="width: 50%;">50Ω</td> </tr> <tr> <td>Frequency range</td> <td>DC to 4GHz</td> </tr> <tr> <td>VSWR</td> <td>≦ 1.3 (DC to 4GHz)</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	50Ω	Frequency range	DC to 4GHz	VSWR	≦ 1.3 (DC to 4GHz)	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	50Ω																		
Frequency range	DC to 4GHz																		
VSWR	≦ 1.3 (DC to 4GHz)																		
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																		
<div data-bbox="169 1055 568 1099" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Recommended coupling nut torque</td> <td style="width: 50%;">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																		
<div data-bbox="169 1364 568 1408" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Temperature range</td> <td style="width: 50%;">-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																		
<div data-bbox="169 1715 568 1760" style="border: 1px solid black; padding: 2px;">Tooling</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Crimping tool</td> <td style="width: 50%;">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: JYBAO reserves the right to make modifications deemed appropriate.

CABLE ASSEMBLY INSTRUCTION

BNC8105-0316	DATE	2021/07/30	REV	—
<p>A</p>  <p>BODY + GASKET + WASHER + HEX NUT</p>	<p>B</p>  <p>SMALL PIN</p>	<p>C</p>  <p>FERRULE</p>		
DIAGRAM	ASSEMBLY INSTRUCTION			
	<p>Step 1: STRIP AS SHOWN.</p>			
	<p>Step 2: SLIDE FERRULE " C " OVER CABLE. Step 3: PUT PIN " B " ON CENTER CONDUCTOR AND CRIMP IN " Y ". (USE SQUARE 0.7mm/0.028inch SECTION OF INSERT-A)</p>			
	<p>Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.</p>			
	<p>Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 3.3mm/0.130inch HEX SECTION OF INSERT-A)</p>			
<p>This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.</p>				
APPROVED	CHECKED	DRAWING	<i>Albert</i>	

BNC8105-0316



勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
<http://www.100y.com.tw>