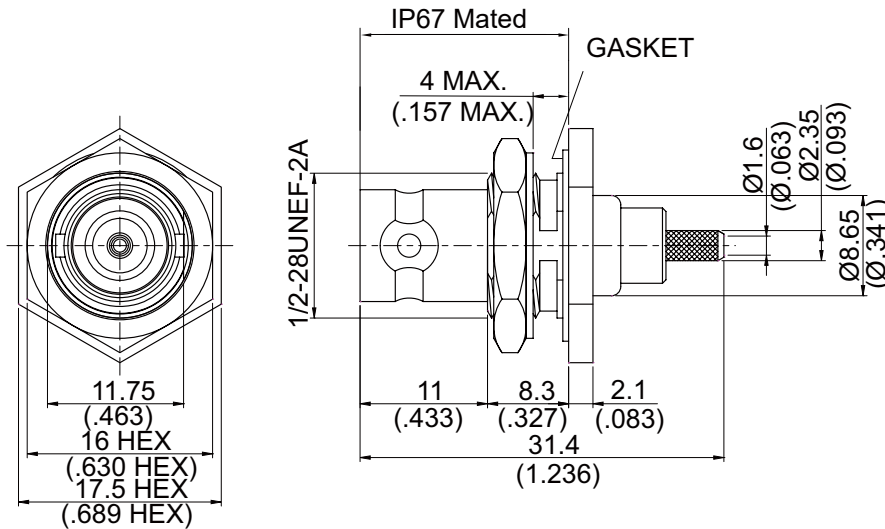


勝特力電材超市-龍山店 886-3-5773766
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 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
<http://www.100y.com.tw>

BNC8105D-0316

BNC jack crimp bulkhead, IP67 mated,
For RD316,RD316-FEP; 4GHz VSWR 1.2

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: 15.54 g

Suitable Cables: RD316, RD316-FEP

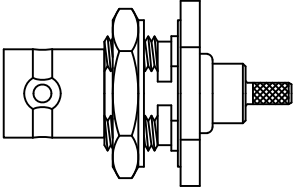



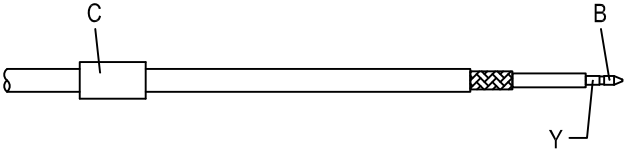
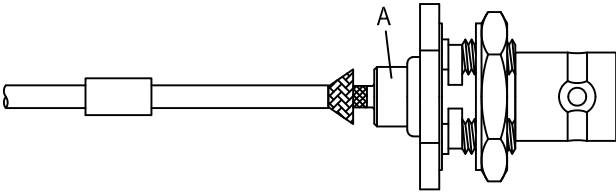
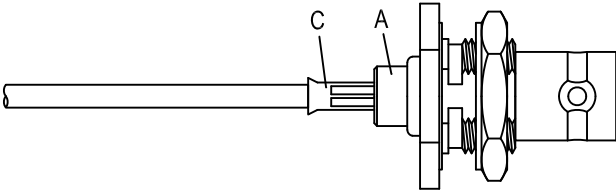
This part number complies with RoHS.

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

BNC	BNC8105D-0316																		
<div data-bbox="169 344 568 394" style="border: 1px solid black; padding: 2px;">Interface</div> MIL-STD-348B																			
<div data-bbox="169 510 568 560" 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>≤ 1.2 (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	≤ 1.2 (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
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<div data-bbox="169 1052 568 1102" 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												
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<div data-bbox="169 1361 568 1411" 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								
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RoHS	Compliant																		
<div data-bbox="169 1713 568 1762" 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														
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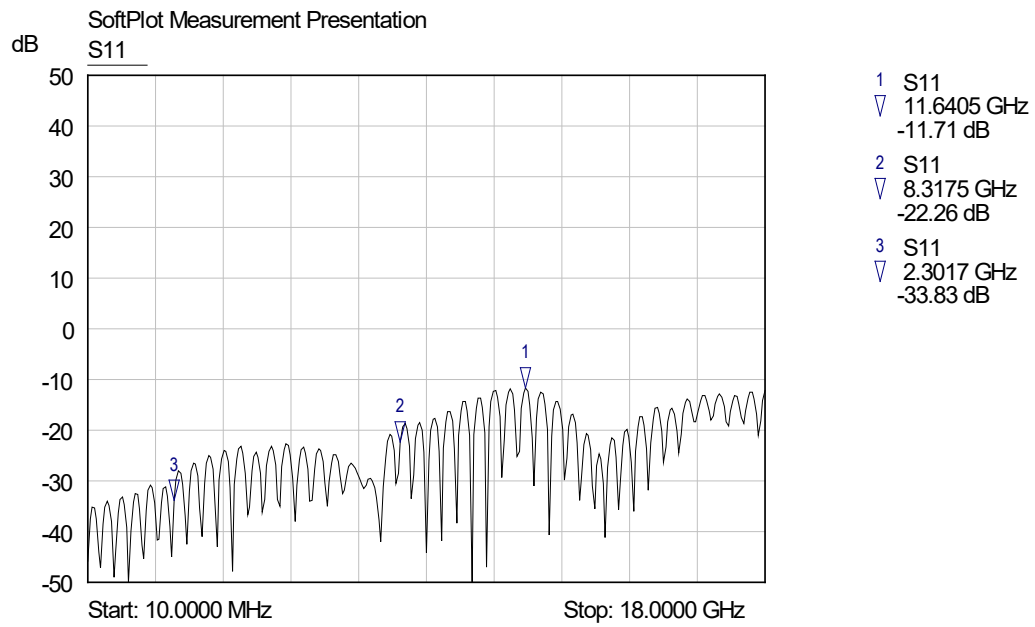
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

CABLE ASSEMBLY INSTRUCTION

BNC8105D-0316	DATE	2021/07/30	REV	—
<p>A</p>  <p style="text-align: center;">BODY + GASKET + WASHER + HEX NUT</p>	<p>B</p>  <p style="text-align: center;">SMALL PIN</p>	<p>C</p>  <p style="text-align: center;">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>

BNC8105D-0316

S11



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