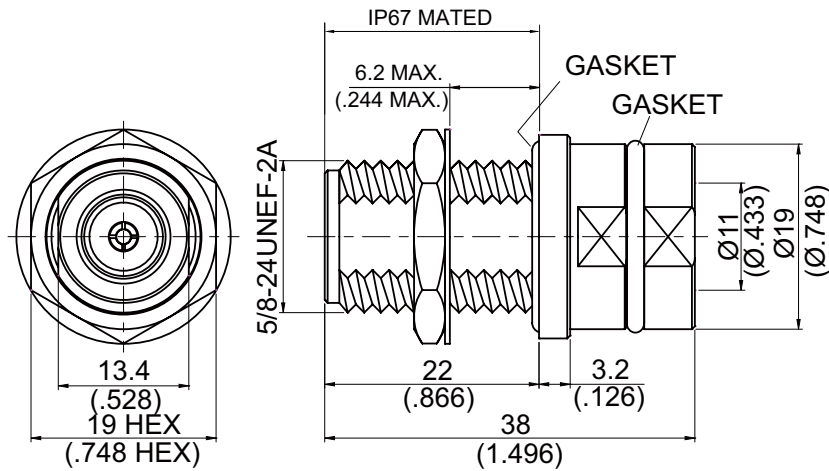


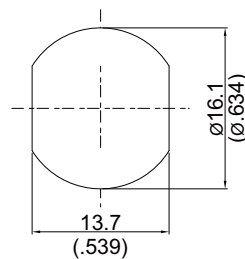
N8205BS-L400

**N Jack Clamp Bulkhead, IP67 Mated,
For JBY400,LMR400; 6GHz VSWR 1.2**

50Ω



MOUNTING HOLES



Parts	Material	Plating (Micro-inch)
Gasket	Silicon	
Nut	Stainless Steel	Passivated
Hex Nut	Stainless Steel	Passivated
Lock Washer	Stainless Steel	Passivated
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorous Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Stainless Steel	Passivated

Suitable Cables: JBY400;LMR400

This part number complies with RoHS.

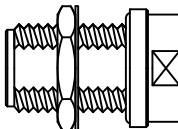
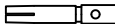
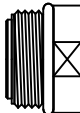
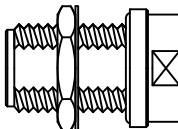
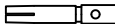
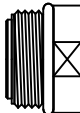
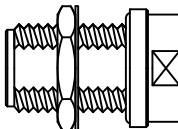
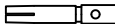
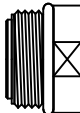
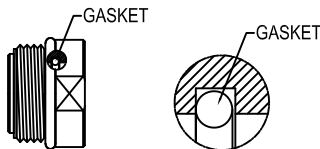
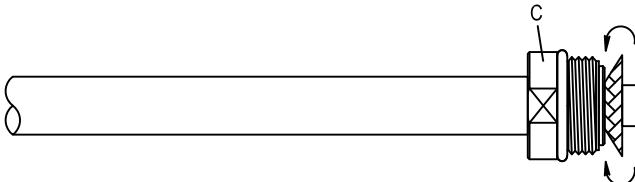
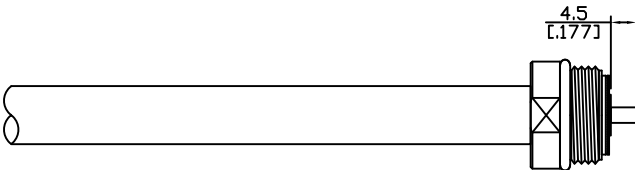
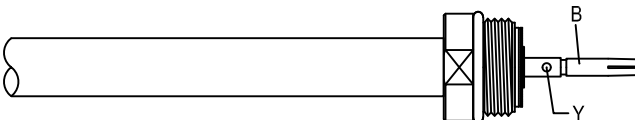
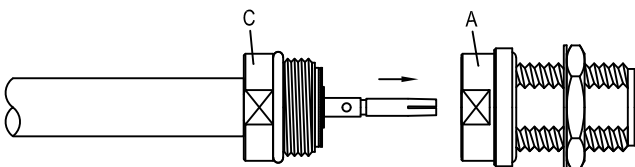
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N	N8205BS-L400																		
Interface MIL-STD-348B																			
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 6GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.2 (DC to 6GHz)</td></tr> <tr> <td>Insertion loss</td><td>≤ 0.05 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>2500 V rms</td></tr> <tr> <td>Working voltage (at sea level)</td><td>1000 V rms</td></tr> </table>		Impedance	50Ω	Frequency range	DC to 6GHz	VSWR	≤ 1.2 (DC to 6GHz)	Insertion loss	≤ 0.05 x √f(GHz) dB	Insulation resistance	≥ 5000MΩ	Contact resistance inner conductor	≤ 1.5mΩ	Contact resistance outer conductor	≤ 1mΩ	Dielectric withstanding voltage (at sea level)	2500 V rms	Working voltage (at sea level)	1000 V rms
Impedance	50Ω																		
Frequency range	DC to 6GHz																		
VSWR	≤ 1.2 (DC to 6GHz)																		
Insertion loss	≤ 0.05 x √f(GHz) dB																		
Insulation resistance	≥ 5000MΩ																		
Contact resistance inner conductor	≤ 1.5mΩ																		
Contact resistance outer conductor	≤ 1mΩ																		
Dielectric withstanding voltage (at sea level)	2500 V rms																		
Working voltage (at sea level)	1000 V rms																		
Mechanical Data <table> <tr> <td>Recommended coupling nut torque</td><td>6 to 10 inch lbs</td></tr> <tr> <td>Coupling proof torque</td><td>15 inch lbs</td></tr> <tr> <td>Contact captivation-axial</td><td>≥ 6.3 lbs</td></tr> <tr> <td>Durability (mating)</td><td>≥ 500</td></tr> </table>		Recommended coupling nut torque	6 to 10 inch lbs	Coupling proof torque	15 inch lbs	Contact captivation-axial	≥ 6.3 lbs	Durability (mating)	≥ 500										
Recommended coupling nut torque	6 to 10 inch lbs																		
Coupling proof torque	15 inch lbs																		
Contact captivation-axial	≥ 6.3 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																			

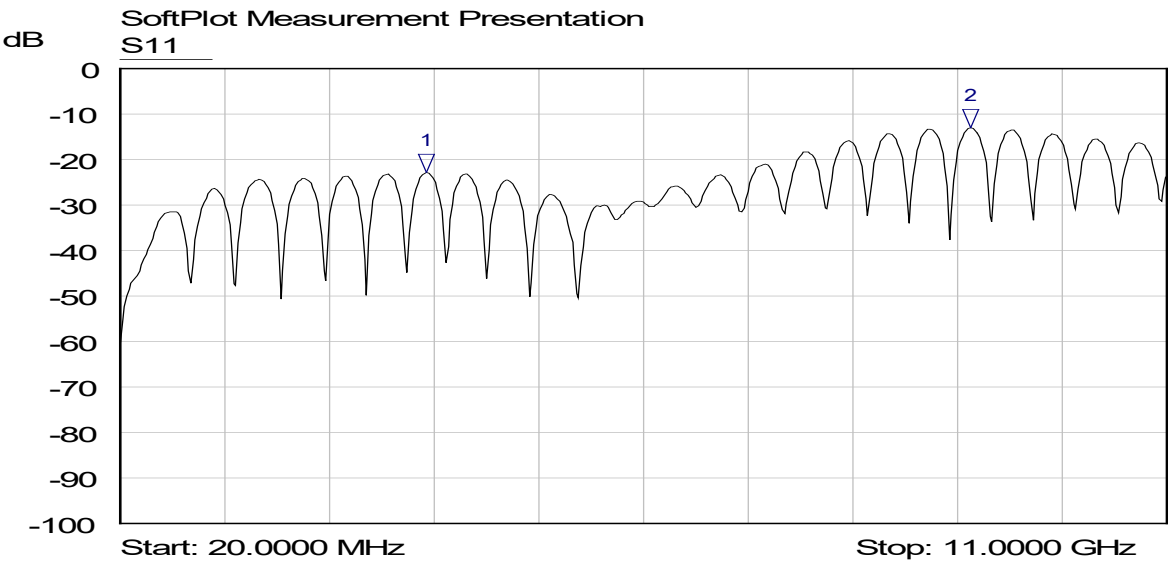
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

N8205BS-L400		DATE	2015/07/31	REV	—									
<table><tr><td>A</td><td>B</td><td>C</td></tr><tr><td></td><td></td><td></td></tr><tr><td>BODY + HEX NUT + GASKET + WASHER</td><td>CONTACT PIN</td><td>NUT + GASKET</td></tr></table>						A	B	C				BODY + HEX NUT + GASKET + WASHER	CONTACT PIN	NUT + GASKET
A	B	C												
														
BODY + HEX NUT + GASKET + WASHER	CONTACT PIN	NUT + GASKET												
DIAGRAM			ASSEMBLY INSTRUCTION											
			Step 1: STRIP AS SHOWN.											
			Step 2: SMEAR LUBRICANT ON INNER GASKET.											
			Step 3: SLIDE NUT " C " IN PLACE. Step 4: WRAP THE BRAIDING OVER " C ".											
			Step 4: STRIP AS SHOWN.											
			Step 5: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".											
			Step 6: FINALLY SCREW " C " ON THE CONNECTOR BODY " A ".											
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.														
APPROVED		CHECKED		DRAWING										
				Albert										

N8205BS-L400



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S11	3.2339 GHz	-22.90 dB	
2 ▽	S11	8.9426 GHz	-13.05 dB	