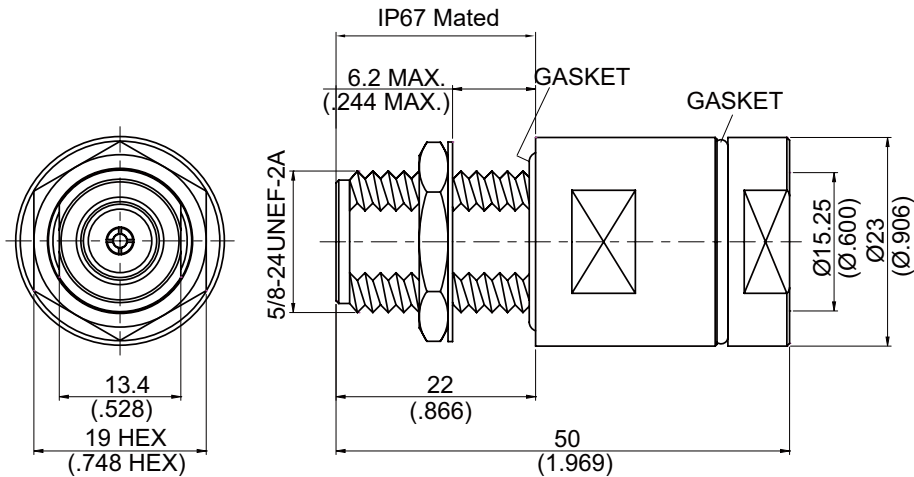


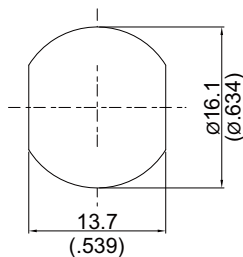
N8205BS-L600

**N jack clamp bulkhead, IP67 mated,
For JBY600,LMR600; 6GHz VSWR 1.3**

50Ω



MOUNTING HOLES



Parts	Material	Plating (Micro-inch)
Gasket	Silicone	
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

Weight:

Suitable Cables: JBY600,LMR600

This part number complies with RoHS.

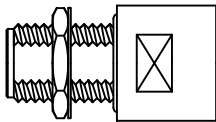
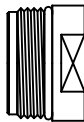
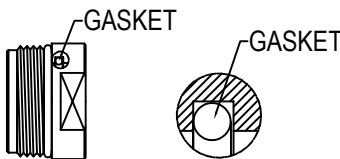
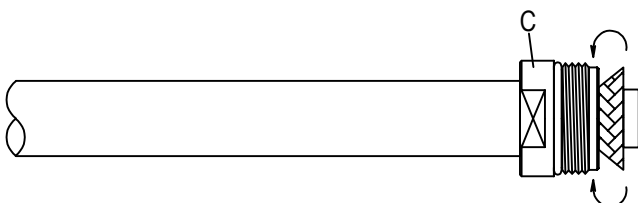
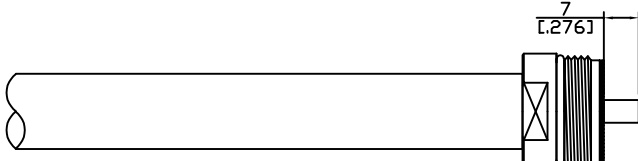
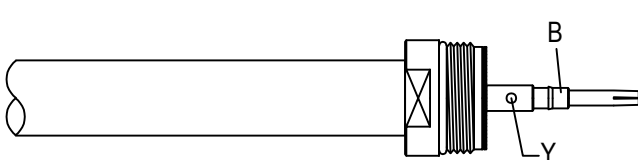
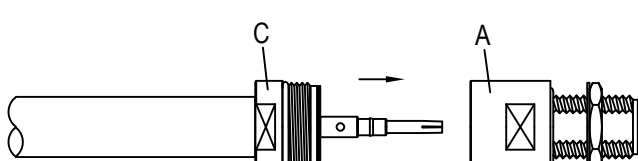
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N	N8205BS-L600																		
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>≤ 1.3 (DC to 6GHz)</td></tr> <tr> <td>Insertion loss</td><td>$\leq 0.05 \times \sqrt{f(\text{GHz})}$ 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>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	≤ 1.3 (DC to 6GHz)	Insertion loss	$\leq 0.05 \times \sqrt{f(\text{GHz})}$ 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)	2500 V rms	Working voltage (at sea level)	1000 V rms
Impedance	50Ω																		
Frequency range	DC to 6GHz																		
VSWR	≤ 1.3 (DC to 6GHz)																		
Insertion loss	$\leq 0.05 \times \sqrt{f(\text{GHz})}$ 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)	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-L600		DATE	2022/07/25	REV	—
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-L600

