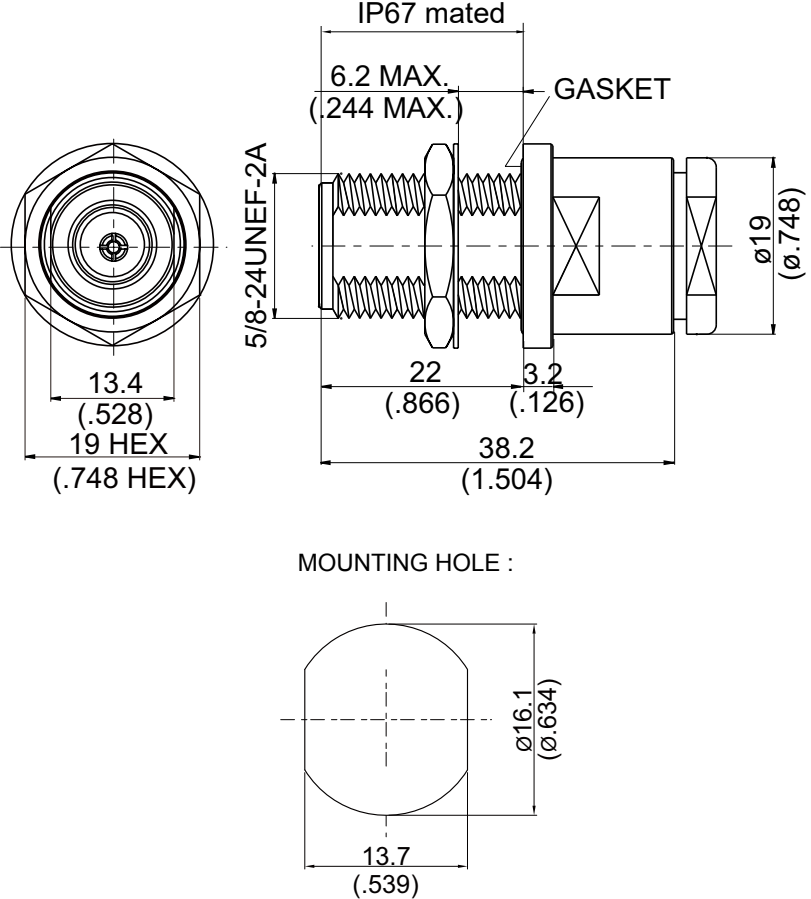


N8205B-0214	N Jack Clamp Bulkhead For RG214 IP67 mated, 6GHz VSWR 1.2	50Ω																														
 IP67 mated 6.2 MAX. (244 MAX.) GASKET 5/8-24UNEF-2A 22 (.866) 3.2 (.126) 38.2 (1.504) 13.4 (.528) 19 HEX (.748 HEX) Ø19 (Ø.748) MOUNTING HOLE : Ø16.1 (Ø.634) 13.7 (.539)																																
<table border="1"> <thead> <tr> <th>Parts</th><th>Material</th><th>Plating (Micro-inch)</th></tr> </thead> <tbody> <tr> <td>Nut</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr> <tr> <td>Braid Clamp</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr> <tr> <td>Hex Nut</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr> <tr> <td>Lock Washer</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr> <tr> <td>Gasket</td><td>Silicon</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>Washer</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>Body</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr> </tbody> </table>	Parts	Material	Plating (Micro-inch)	Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Braid Clamp	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Hex Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Lock Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Gasket	Silicon		Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Insulator	Teflon		Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50		
Parts	Material	Plating (Micro-inch)																														
Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50																														
Braid Clamp	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50																														
Hex Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50																														
Lock Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50																														
Gasket	Silicon																															
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20																														
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50																														
Insulator	Teflon																															
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50																														
Weight: 53.67 g Suitable Cables: RG214																																

This part number complies with RoHS.

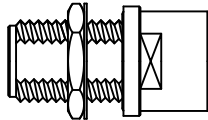
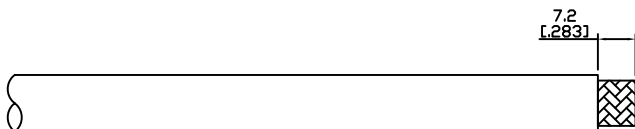
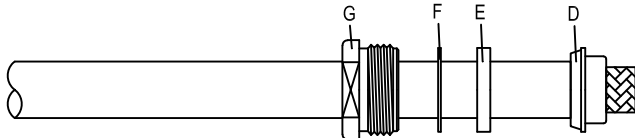
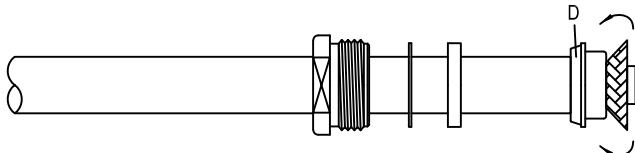
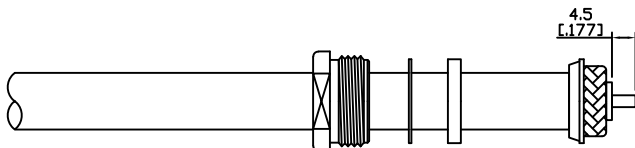
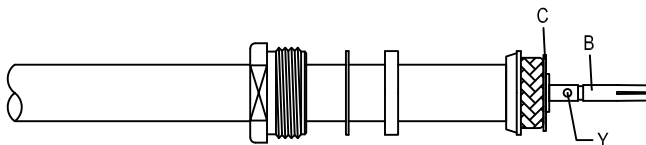
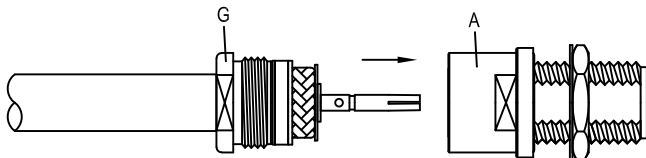
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N	N8205B-0214
Interface MIL-STD-348B	
Electrical Data Impedance 50Ω Frequency range DC to 6GHz VSWR ≤ 1.2 (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 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 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 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

N8205B-0214			DATE	2014/04/29		REV	—
A	B	C	D	E	F	G	
							
BODY + LOCK WASHER + GASKET + HEX NUT		CONTACT PIN	WASHER	BRAID CLAMP	GASKET	WASHER	NUT
DIAGRAM			ASSEMBLY INSTRUCTION				
			Step 1: STRIP AS SHOWN.				
			Step 2: SLIDE NUT " G " 、 WASHER " F " 、 GASKET " E " AND BRAID CLAMP " D " OVER CABLE.				
			Step 3: WRAP THE BRAIDING OVER " D " .				
			Step 4: STRIP AS SHOWN.				
			Step 5: SLIDE PREPARED CABLE INTO WASHER " C " . Step 6: PUT CONTACT PIN " B " ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN " Y " . (USE SQUARE 2.4mm/0.094inch SECTION OF INSERT-A IF CRIMPED)				
			Step 7: FINALLY SCREW " G " 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	

N8205B-0214

