

N8105BL-L100/BL

Black Chromium Plated N Jack Crimp Bulkhead
IP67 Mated & Small Bending Radius;
For JBY100, LMR100; 6GHz VSWR 1.2

50Ω

Dimensions:

- Overall Length: 41 [1.614]
- Threaded Section Length: 30 [1.181]
- Hex Nut Position: 12.5 [0.492] from start, 3.2 [0.126] from nut face.
- Washer Thickness: 3.2 [0.126]
- Gasket Thickness: 5.8 MAX. [0.228 MAX.]
- Barrel Length: 10 [0.394]
- Contact Pin Diameter: $\phi 1.7$ [$\phi 0.067$]
- Insulator Diameter: $\phi 2.35$ [$\phi 0.093$]
- Total Threaded Length: 5/8-24UNEF-2A
- End View Dimensions: 13.4 [0.528] (inner), 19 HEX [0.748 HEX] (outer)
- Mounting Hole Dimensions: $\phi 16.1$ [0.634] (hole), 13.7 [0.539] (width)
- Bend Radius Details: REF. 9.2 [0.362] (with cover), REF. 3.8 [0.150] (without cover). Both specify R6.4 [R.252].

Parts	Material	Plating (Micro-inch)
Ferrule	Copper	Black Chromium 5 Over Copper 50
Hex Nut	Brass	Black Chromium 5 Over Copper 50
Washer	Brass	Black Chromium 5 Over Copper 50
Gasket	Silicone	
Barrel	Brass	Black Chromium 5 Over Copper 50
Contact Pin	P.Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Black Chromium 5 Over Copper 50

Suitable Cables: JBY100 and LMR100

This part number complies with RoHS.

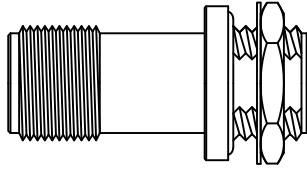
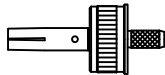
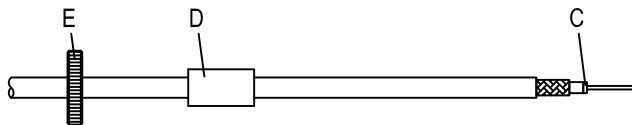
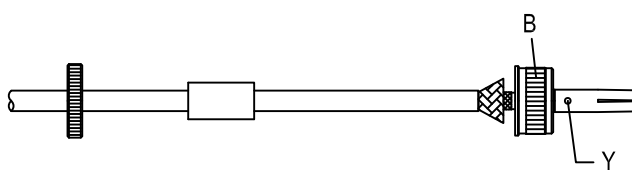
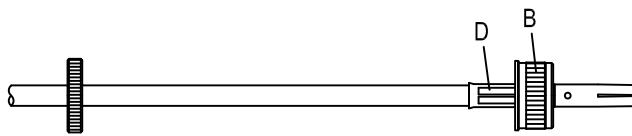
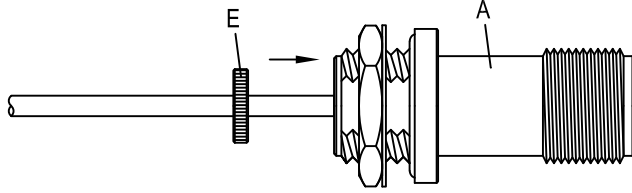
Notice: JYBAO reserves the right to make modifications deemed appropriate.

N	N8105BL-L100/BL																		
Interface MIL-STD-348B																			
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JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

N8105BL-L100/BL		DATE	2019/04/12	REV	A
A	B	C	D	E	
					
BODY+GASKET +LOCK WASHER +HEX NUT		CONTACT PIN + INSULATOR + BARREL		INSULATOR	FERRULE COVER (INSTALLATION OPTIONAL)
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE COVER " E " 、 FERRULE " D " AND INSULATOR " C " OVER CABLE.		
			Step 3: LOOSEN BRAIDING AND SLIDE BARREL " B " IN PLACE AND SOLDER IN " Y ".		
			Step 4: SLIDE FERRULE " D " TOWARDS THE BARREL " B " AND CRIMP. (USE 3.3mm/0.130inch HEX SECTION OF INSERT-A)		
			Step 5: PRESS FIT " B " INTO THE CONNECTOR BODY " A ". Step 6: SLIDE COVER " E " INTO THE CONNECTOR BODY " A ".		
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APPROVED		CHECKED		DRAWING	
				Albert	

N8105BL-L100/BL

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