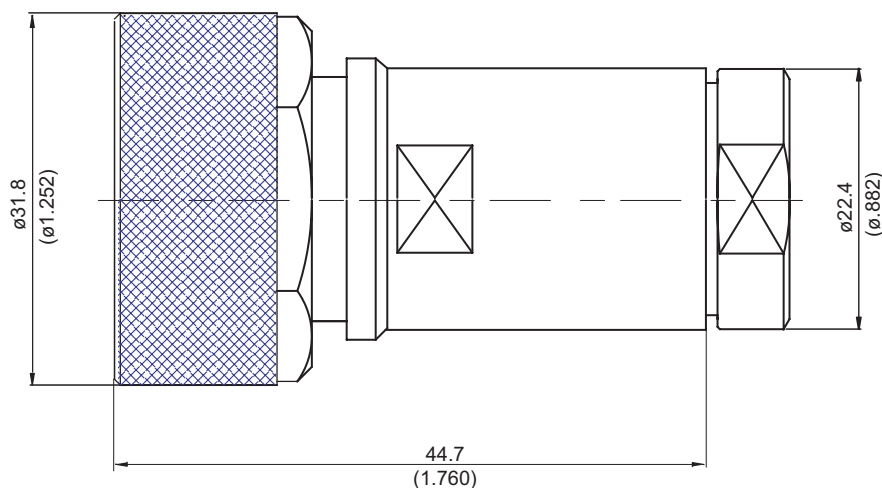


7/16-3200B1-LDF4

7/16 Plug Clamp For 1/2" Superflexible;  
5GHz VSWR 1.25

50Ω



Parts	Material	Plating(Micro-inch)
Braid Clamp	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Contact Pin	Brass	Silver 150 Over Copper 50
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 140.49 g

Suitable Cables: FSJ4-50B, RFF1/2"-50

This part number complies with RoHS.

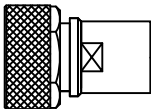





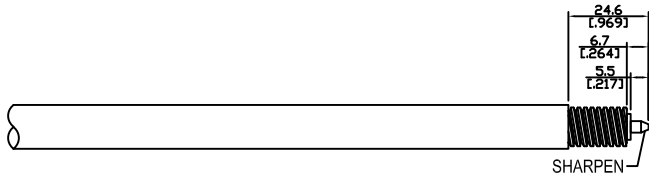

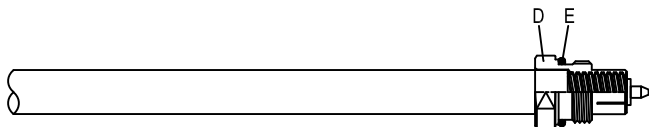
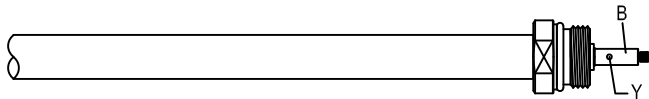
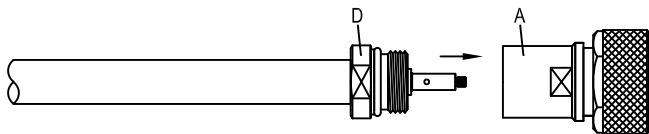
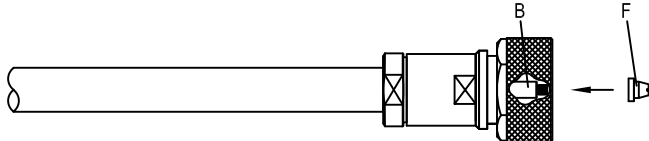
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

7/16	7/16-3200B1-LDF4
<b>Interface</b> IEC 60169-4	
<b>Electrical Data</b> Impedance 50Ω Frequency range DC to 5GHz VSWR $\leq 1.25$ (DC to 5GHz) Insertion loss $\leq 0.05\text{dB}$ Insulation resistance $\geq 10000\text{M}\Omega$ Contact resistance inner conductor $\leq 0.4\text{m}\Omega$ Contact resistance outer conductor $\leq 1.5\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 4000 V rms Working Voltage (at sea level) 2700 V rms Rf leakage $\geq 128\text{dB}$ to 1GHz	
<b>Mechanical Data</b> Recommended coupling nut torque 260 inch lbs Coupling proof torque 310 inch lbs Coupling nut retention force $\geq 221$ lbs Contact captivation-axial $\geq 45$ lbs Durability (mating) $\geq 500$	
<b>Environmental Data</b> Temperature range -65°C to +165°C Thermal shock MIL-STD-202, Method107, Condition B Moisture resistance MIL-STD-202, Method106 Corrosion MIL-STD-202, Method101, Condition B RoHS Compliant	
<b>Tooling</b>	

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

# JYE BAO CO., LTD.

## CABLE ASSEMBLY INSTRUCTION

7/16-3200B1-LDF4			DATE	2018/06/01	REV	—
A	B	C	D	E	F	
						
BODY	CONTACT PIN	O-RING	NUT	O-RING	CONTACT PIN	
DIAGRAM			ASSEMBLY INSTRUCTION			
			Step 1: STRIP AS SHOWN. Step 2: SHARPEN CENTER CONDUCTOR TIP.			
			Step 3: PUT VASELINE ON " C " AND SLIDE O-RING " C" OVER CABLE.			
			Step 4: SLIDE NUT " D " OVER CABLE. Step 5: PUT VASELINE ON " E " AND SLIDE O-RING " E " OVER THE NUT " D ".			
			Step 6: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".			
			Step 7: SCREW NUT " D " ON THE CONNECTOR BODY " A ".			
			Step 8: FINALLY SCREW " F " ON THE CONTACT PIN " B ".			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.						
APPROVED		CHECKED		DRAWING		
				Albert		

# 7/16-3200B1-LDF4

S11

