

TNC81EZ-L400	TNC jack crimp for JBY400,LMR400; 4GHz VSWR 1.2	50Ω																		
NOTE : Spring finger design , easy assembly																				
<table border="1"> <thead> <tr> <th>Parts</th><th>Material</th><th>Plating (Micro-inch)</th></tr> </thead> <tbody> <tr> <td>Ferrule</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr> <tr> <td>Barrel</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</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>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)	Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Barrel	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Insulator	Teflon		Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50		
Parts	Material	Plating (Micro-inch)																		
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50																		
Barrel	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50																		
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20																		
Insulator	Teflon																			
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50																		
Weight: 21.47 g Suitable Cables: JBY400, LMR400																				

This part number complies with RoHS.

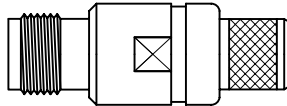
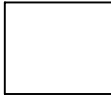
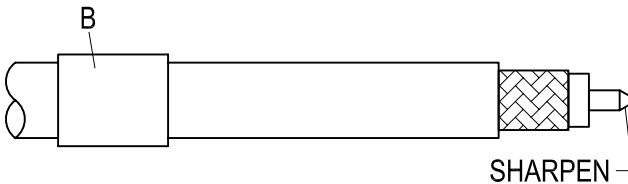
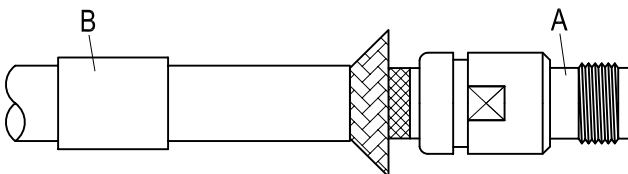
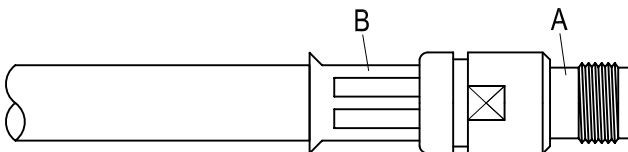
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

TNC	TNC81EZ-L400
Interface MIL-STD-348B	
Electrical Data Impedance Frequency range VSWR Insertion loss Insulation resistance Contact resistance inner conductor Contact resistance outer conductor Dielectric withstanding voltage (at sea level) Working voltage (at sea level) 50Ω DC to 4GHz ≤ 1.2 (DC to 4GHz) $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB $\geq 5000\text{M}\Omega$ $\leq 1.5\text{m}\Omega$ $\leq 1\text{m}\Omega$ 1500 V rms 500 V rms	
Mechanical Data Recommended coupling nut torque Coupling proof torque Contact captivation-axial Durability (mating) 4.1 to 6.1 inch lbs 15 inch lbs ≥ 6.1 lbs ≥ 500	
Environmental Data Temperature range Thermal shock Moisture resistance Corrosion RoHS -65°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 106 MIL-STD-202, Method 101, Condition B Compliant	
Tooling Crimping tool Crimp insert CRT-1 or CRT-2 INSERT-C	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

TNC81EZ-L400		DATE	2016/02/15	REV	—
A		B			
					
BODY		FERRULE			
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
 SHARPEN		Step 2: SHARPEN CENTER CONDUCTOR TIP. Step 3: SLIDE FERRULE " C " OVER CABLE. NOTE: THE STRIPPED CABLE AND POINTED CENTER CONDUCTOR MUST BE STRAIGHT (180°),IF NOT LEAVES WILL BREAK EASILY.			
		Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.			
		Step 5: SLIDE FERRULE " B " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 10.7mm/0.421inch HEX SECTION OF INSERT-C)			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING <i>Albert</i>	

TNC81EZ-L400

S11

