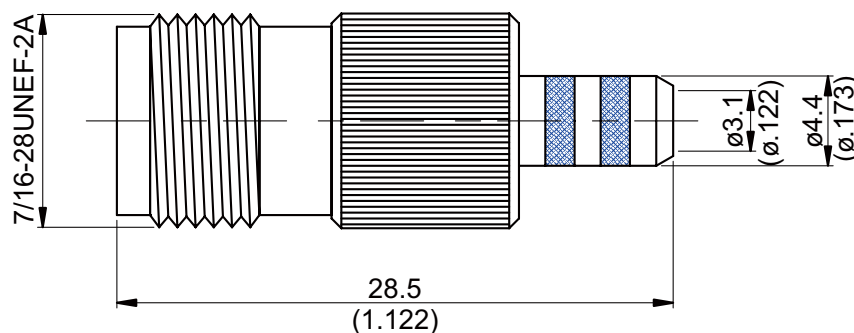


TNC8100-L200

TNC Jack Crimp For JBY200,LMR200;
3.6GHz VSWR 1.2

50Ω



Parts	Material	Plating(Micro-inch)
Ferrule	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: 12.05 g

Suitable Cables: JBY200,LMR200

This part number complies with RoHS.

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

TNC	TNC8100-L200																		
Interface MIL-STD-348B																			
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 3.6GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.2 (DC to 3.6GHz)</td></tr> <tr> <td>Insertion loss</td><td>≤ 0.1 x $\sqrt{f(\text{GHz})}$ dB</td></tr> <tr> <td>Insulation resistance</td><td>≥ 5000MΩ</td></tr> <tr> <td>Contact resistance inner conductor</td><td>≤ 1.5mΩ</td></tr> <tr> <td>Contact resistance outer conductor</td><td>≤ 1mΩ</td></tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td><td>1500 V rms</td></tr> <tr> <td>Working voltage (at sea level)</td><td>500 V rms</td></tr> </table>		Impedance	50Ω	Frequency range	DC to 3.6GHz	VSWR	≤ 1.2 (DC to 3.6GHz)	Insertion loss	≤ 0.1 x $\sqrt{f(\text{GHz})}$ dB	Insulation resistance	≥ 5000MΩ	Contact resistance inner conductor	≤ 1.5mΩ	Contact resistance outer conductor	≤ 1mΩ	Dielectric withstanding voltage (at sea level)	1500 V rms	Working voltage (at sea level)	500 V rms
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CABLE ASSEMBLY INSTRUCTION

TNC8100-L200

JYE BAO CO., LTD.
TAIPEI TAIWAN R.O.C

TNC8100-L200

DATE

2014/04/29

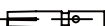
REV

—

A

B

C



BODY

CONTACT PIN

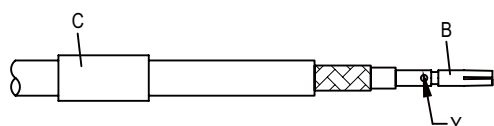
FERRULE

DIAGRAM

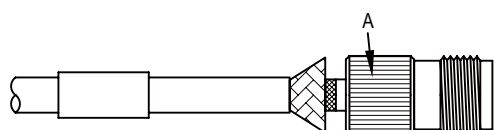
ASSEMBLY INSTRUCTION



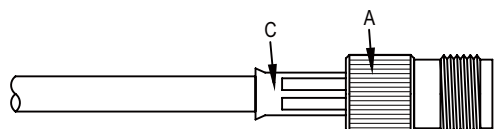
Step 1: STRIP AS SHOWN.



Step 2: SLIDE FERRULE " C " OVER CABLE.
Step 3: PUT PIN " B " ON CENTER CONDUCTOR AND
SOLDER OR CRIMP IN " Y ".
(USE SQUARE 1.6mm/0.063inch SECTION OF
INSERT-B
IF CRIMPED)



Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.



Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR
" A " AND CRIMP.
(USE 5.5mm/0.217inch HEX SECTION OF INSERT-B)

This part number complies with RoHS.

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TNC8100-L200

