

TNC3100-0142

TNC Plug Crimp
For RG142,RG400; 6GHz VSWR 1.2

50Ω

Technical drawing of a TNC Plug Crimp connector. The drawing shows the side profile of the connector with the following dimensions:

- Overall length: 25 (.984)
- Ferrule diameter: $\varnothing 14.5$ ($\varnothing .571$)
- Contact pin diameter: $\varnothing 3.1$ ($\varnothing .122$)
- Insulator diameter: $\varnothing 4.4$ ($\varnothing .173$)

Parts	Material	Plating (Micro-inch)
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicon	
Ring	Delrin	
Washer	Brass	Tin-Zinc-Copper-Alloy 100 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: 12.74 g

Suitable Cables: RG55, RG142, RG400

This part number complies with RoHS.

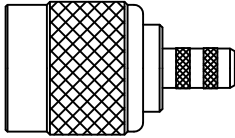
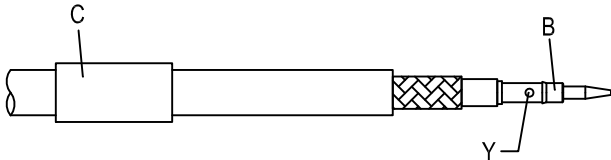
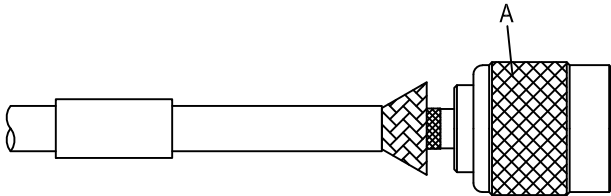
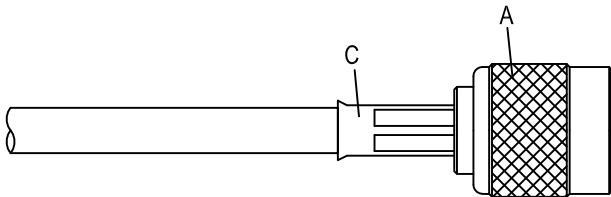
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

TNC	TNC3100-0142																		
Interface MIL-STD-348B																			
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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

TNC3100-0142		DATE	2021/02/25	REV	A
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)		
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APPROVED		CHECKED		DRAWING	
				Albert	

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