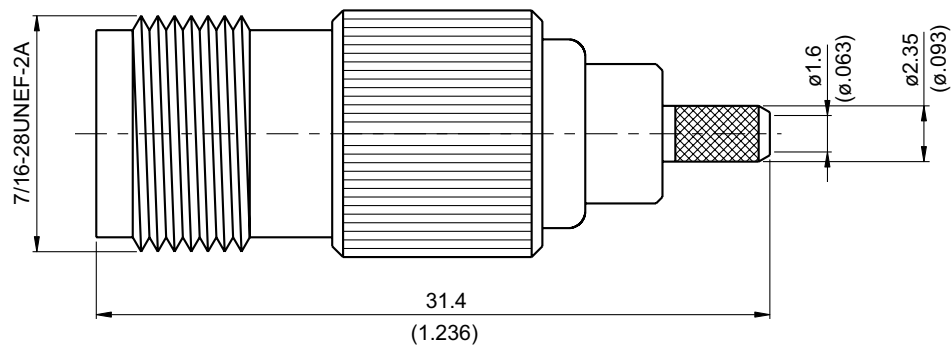


TNC8100D-0316

**TNC Jack Crimp For RD316, RD316-FEP;
9GHz VSWR 1.3**

50Ω



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

Suitable Cables: RD316, RD316-FEP

This part number complies with RoHS.

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

TNC	TNC8100D-0316																		
Interface MIL-STD-348B																			
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 9GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.3 (DC to 9GHz)</td></tr> <tr> <td>Insertion loss</td><td>$\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB</td></tr> <tr> <td>Insulation resistance</td><td>$\geq 5000\text{M}\Omega$</td></tr> <tr> <td>Contact resistance inner conductor</td><td>$\leq 1.5\text{m}\Omega$</td></tr> <tr> <td>Contact resistance outer conductor</td><td>$\leq 1\text{m}\Omega$</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 9GHz	VSWR	≤ 1.3 (DC to 9GHz)	Insertion loss	$\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB	Insulation resistance	$\geq 5000\text{M}\Omega$	Contact resistance inner conductor	$\leq 1.5\text{m}\Omega$	Contact resistance outer conductor	$\leq 1\text{m}\Omega$	Dielectric withstanding voltage (at sea level)	1500 V rms	Working voltage (at sea level)	500 V rms
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CABLE ASSEMBLY INSTRUCTION

TNC8100D-0316

JYE BAO CO., LTD.

TNC8100D-0316

DATE

2014/04/29

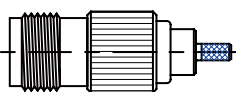
REV

—

A

B

C



BODY

CONTACT PIN

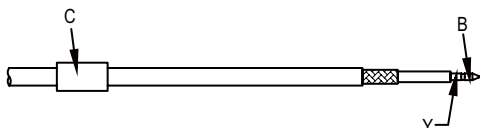
FERRULE

DIAGRAM

ASSEMBLY INSTRUCTION

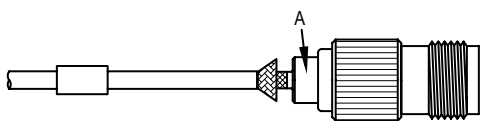


Step 1: STRIP AS SHOWN.

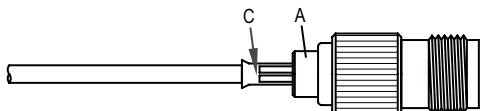


Step 2: SLIDE FERRULE "C" OVER CABLE.

Step 3: PUT PIN "B" ON CENTER CONDUCTOR AND CRIMP IN "Y".
(USE SQUARE 0.7mm/0.028inch SECTION OF INSERT-A IF CRIMPED)



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



Step 5: SLIDE FERRULE "C" TOWARDS THE CONNECTOR "A" AND CRIMP.
(USE 3.3mm/0.130inch HEX SECTION OF INSERT-A)

This part number complies with RoHS.

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