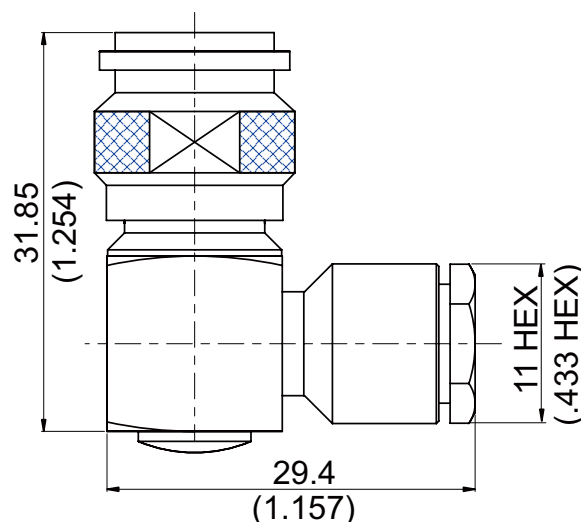


TNC3200B-9058

TNC Plug Clamp Right Angle For
RG58, RG142, RG400, JBY195, LMR195; 2.5GHz VSWR 1.2

50Ω



Parts	Material	Plating (Micro-inch)
Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Braid Clamp	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 43.37 g

Suitable Cables: RG55, RG58, RG142, RG400, JBY195

This part number complies with RoHS.

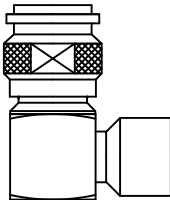
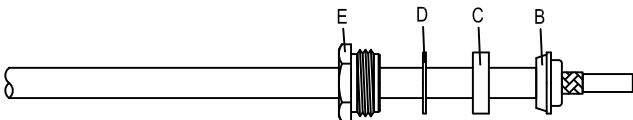
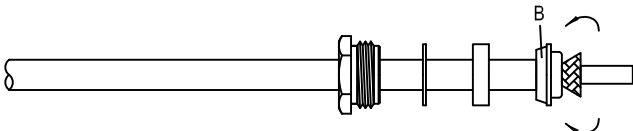
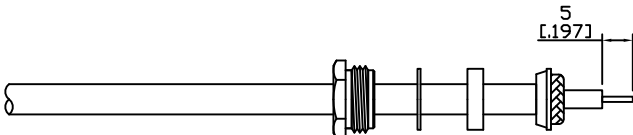
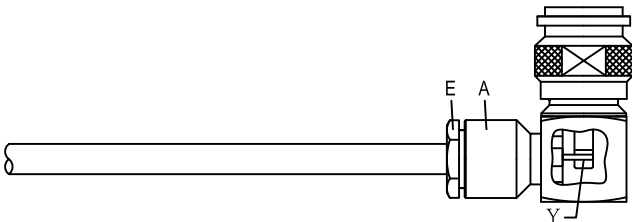
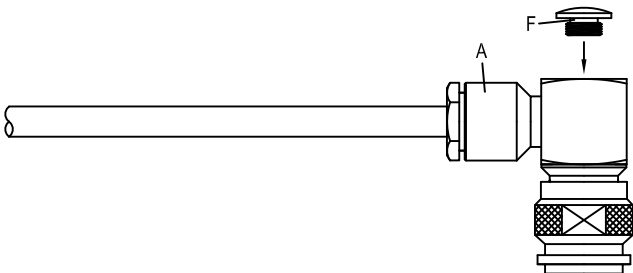
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

TNC	TNC3200B-9058																		
Interface MIL-STD-348B																			
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 2.5GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.2 (DC to 2.5GHz)</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 2.5GHz	VSWR	≤ 1.2 (DC to 2.5GHz)	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
Impedance	50Ω																		
Frequency range	DC to 2.5GHz																		
VSWR	≤ 1.2 (DC to 2.5GHz)																		
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																		
Mechanical Data <table> <tr> <td>Recommended coupling nut torque</td><td>4.1 to 6.1 inch lbs</td></tr> <tr> <td>Coupling proof torque</td><td>15 inch lbs</td></tr> <tr> <td>Coupling nut retention force</td><td>≥ 101.2 lbs</td></tr> <tr> <td>Contact captivation-axial</td><td>≥ 6.1 lbs</td></tr> <tr> <td>Durability (mating)</td><td>≥ 500</td></tr> </table>		Recommended coupling nut torque	4.1 to 6.1 inch lbs	Coupling proof torque	15 inch lbs	Coupling nut retention force	≥ 101.2 lbs	Contact captivation-axial	≥ 6.1 lbs	Durability (mating)	≥ 500								
Recommended coupling nut torque	4.1 to 6.1 inch lbs																		
Coupling proof torque	15 inch lbs																		
Coupling nut retention force	≥ 101.2 lbs																		
Contact captivation-axial	≥ 6.1 lbs																		
Durability (mating)	≥ 500																		
Environmental Data <table> <tr> <td>Temperature range</td><td>-65°C to +165°C</td></tr> <tr> <td>Thermal shock</td><td>MIL-STD-202, Method 107, Condition B</td></tr> <tr> <td>Moisture resistance</td><td>MIL-STD-202, Method 106</td></tr> <tr> <td>Corrosion</td><td>MIL-STD-202, Method 101, Condition B</td></tr> <tr> <td>RoHS</td><td>Compliant</td></tr> </table>		Temperature range	-65°C to +165°C	Thermal shock	MIL-STD-202, Method 107, Condition B	Moisture resistance	MIL-STD-202, Method 106	Corrosion	MIL-STD-202, Method 101, Condition B	RoHS	Compliant								
Temperature range	-65°C to +165°C																		
Thermal shock	MIL-STD-202, Method 107, Condition B																		
Moisture resistance	MIL-STD-202, Method 106																		
Corrosion	MIL-STD-202, Method 101, Condition B																		
RoHS	Compliant																		
Tooling																			

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

TNC3200B-9058			DATE	2014/04/29	REV	—
A	B	C	D	E	F	
						
BODY	BRAID CLAMP	GASKET	WASHER	HEX NUT	NUT	
DIAGRAM			ASSEMBLY INSTRUCTION			
			Step 1: STRIP AS SHOWN.			
			Step 2: SLIDE NUT " E " 、 WASHER " D " 、 GASKET " C " AND BRAID CLAMP " B " OVER CABLE.			
			Step 3: WRAP THE BRAIDING OVER " B ".			
			Step 4: STRIP AS SHOWN.			
			Step 5: SCREW NUT " E " ON THE CONNECTOR BODY " A " AND SOLDER IN " Y ".			
			Step 6: FINALLY SCREW NUT " F " ON THE CONNECTOR BODY " A ".			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.						
APPROVED		CHECKED		DRAWING		
				Albert		

TNC3200B-9058

S11

