

TNC8346-0085/IP	TNC Jack Solder 4-Hole 17.5SQ Flange For RG405 ; IP67 Mated& Unmated; 11GHz VSWR 1.25	50Ω
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Side View Dimensions:

- Thread: 7/16-28UNEF-2A
- Total Length: 24.05 [(.947)]
- Flange Thickness: 0.05 [.002]
- Body Diameter: $\phi 3$ [$\phi .118$]
- Pin Length: 2 [.079]
- Label: IP67 MATED & UNMATED

Front View Dimensions:

- Overall Width: 17.5 SQ. [.689 SQ.]
- Central Hole Diameter: $\phi 5$ [$\phi .197$]
- Mounting Holes: $\phi 3.2 \times 4$ [$\phi .126 \times 4$] (4 holes)
- Distance from Center to Mounting Hole: 12.7 [.500]
- Distance Between Mounting Holes: 12.7 [.500]

MOUNTING HOLE

Parts	Material	Plating (Micro-inch)
Lock Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Contact Pin	P. 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: Semi-rigid .085 , Conformable .085, RG405

This part number complies with RoHS.

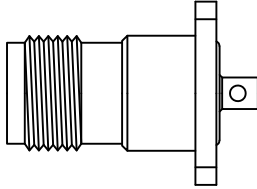
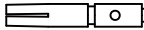
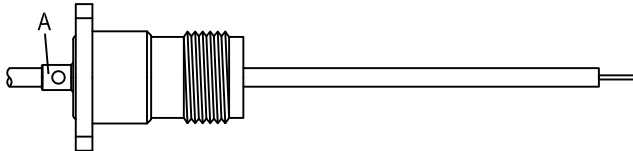
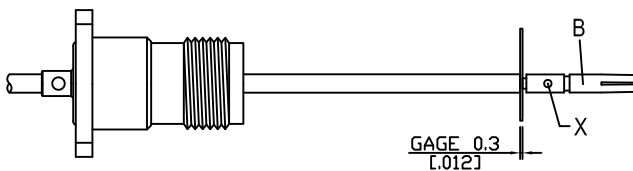
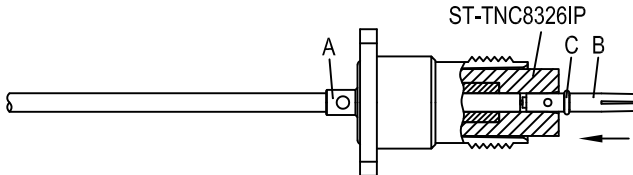
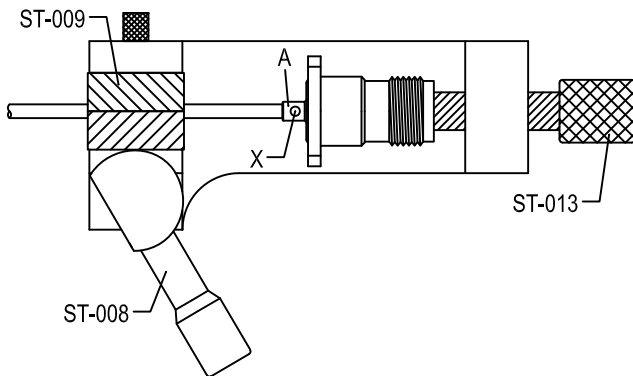
Notice: JYBAO reserves the right to make modifications deemed appropriate.

TNC		TNC8346-0085/IP	
Interface		MIL-STD-348B	
Electrical Data		Impedance 50Ω Frequency range DC to 11GHz VSWR ≤ 1.25 (DC to 11GHz) 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		Recommended coupling nut torque 4.1 to 6.1 inch lbs Coupling proof torque 15 inch lbs Contact captivation-axial ≥ 6.1 lbs Durability (mating) ≥ 500	
Environmental Data		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		Soldering gauge ST-0.3 Insert for .085 semi-rigid cable ST-009 Bushing ST-TNC8326IP Locator tool ST-013 Soldering fixture ST-008	

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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

TNC8346-0085/IP		DATE	2020/05/15	REV	—
A		B	C		
					
BODY + GASKET		CONTACT PIN	GASKET		
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: SLIDE CONNECTOR " A " OVER CABLE.			
		Step 3: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ". USE 0.3 MM GAGE ST-0.3.			
		Step 4: SLIDE BUSHING " ST-TNC8326IP " IN PLACE. Step 5: PUT GASKET " C " ON THE PIN " B ". Step 6: SLIDE PIN " B " TOWARDS CONNECTOR BODY " A " AND BUSHING.			
		Step 7: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-009 " AND LOCATOR TOOL " ST-013 " TO FIX THE CONNECTOR. SOLDER IN " X ".			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

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