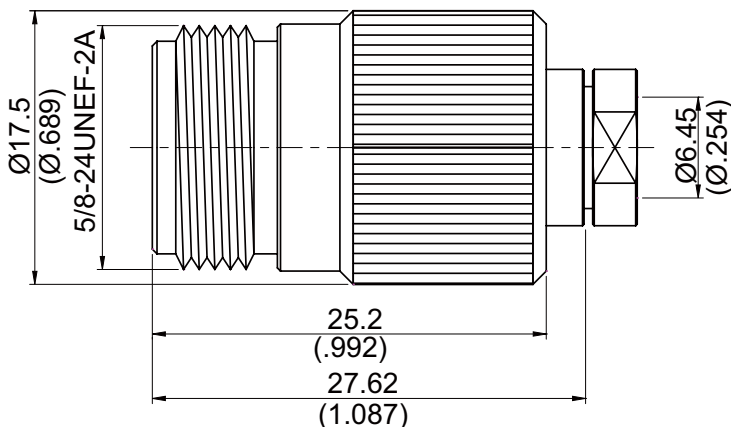


N8300P-0250	N Jack Solder Clamp For RG401; 6GHz VSWR 1.25		50Ω
			
Parts	Material	Plating (Micro-inch)	
Solder Nut	Brass	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20	
Barrel	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20	
Insulator	Teflon		
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Suitable Cables:Semi-rigid.250			

This part number complies with RoHS.

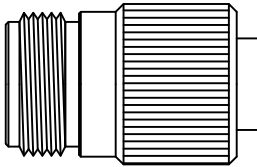
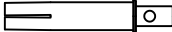
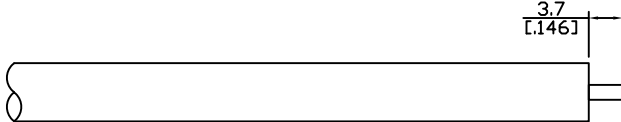
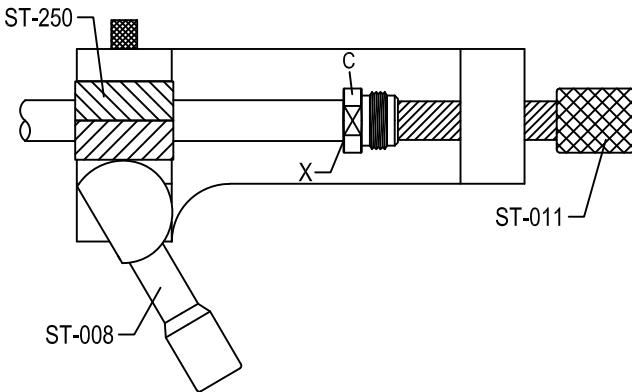
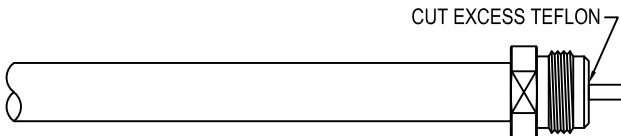
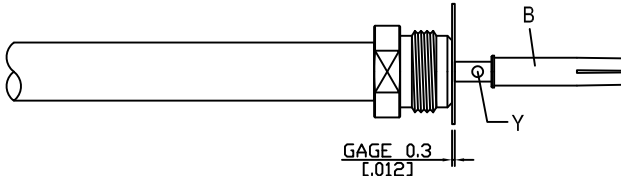
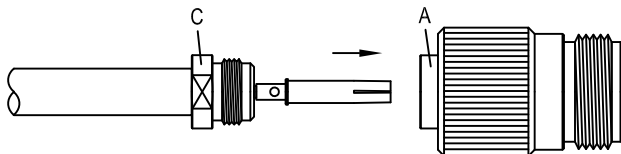
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N	N8300P-0250
Interface MIL-STD-348B	
Electrical Data Impedance Frequency range VSWR Insertion loss Insulation resistance Contact resistance inner conductor Contact resistance outer conductor Dielectric withstanding voltage (at sea level) Working voltage (at sea level) 50Ω DC to 6GHz ≤ 1.25 (DC to 6GHz) $\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB $\geq 5000\text{M}\Omega$ $\leq 1.5\text{m}\Omega$ $\leq 1\text{m}\Omega$ 2500 V rms 1000 V rms	
Mechanical Data Recommended coupling nut torque Coupling proof torque Contact captivation-axial Durability (mating) 6 to 10 inch lbs 15 inch lbs ≥ 6.3 lbs ≥ 500	
Environmental Data Temperature range Thermal shock Moisture resistance Corrosion RoHS -65°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 106 MIL-STD-202, Method 101, Condition B Compliant	
Tooling Soldering fixture Insert for .250 semi-rigid cable Locator tool Soldering gauge ST-008 ST-250 ST-011 ST-0.3	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

N8300P-0250		DATE	2014/04/29	REV	—
A		B		C	
					
BODY		CONTACT PIN		SOLDER NUT	
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-250 " AND LOCATOR TOOL " ST-011 " TO FIX THE NUT " C ". SOLDER IN " X ".		
			Step 3: CUT AWAY ANY EXCESS TEFLON STICKING OUT OF THE SOLDER NUT.		
			Step 3: PUT 0.3 MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER IN " Y ".		
			Step 4: SCREW SOLDER NUT " C " 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	

N8300P-0250

