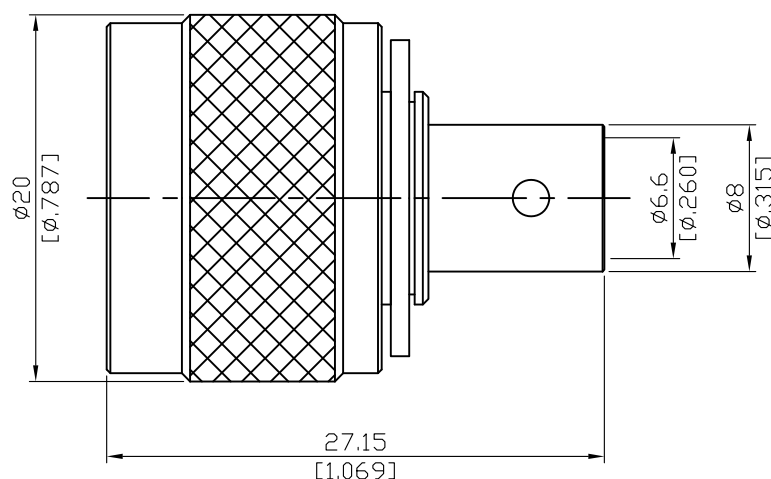


N3300-0250

N Plug Solder For RG401
11GHz VSWR 1.2

50Ω



Parts	Material	
Retainer Ring	Stainless Steel	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 36.33 g
Suitable Cables: semi-rigid.250

This part number complies with RoHS.

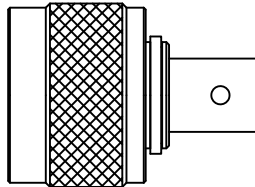
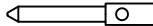
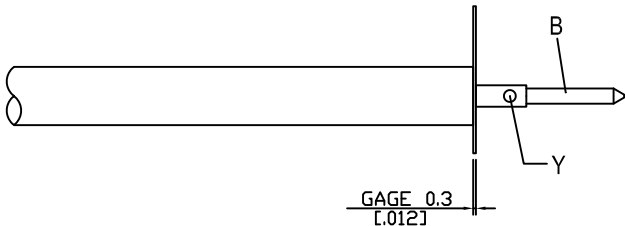
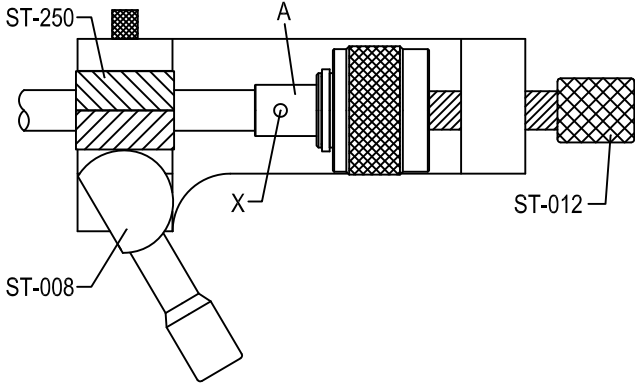
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N		N3300-0250	
Interface		MIL-STD-348B	
Electrical Data		Impedance 50Ω	
		Frequency range DC to 11GHz	
		VSWR ≤ 1.2 (DC to 11GHz)	
		Insertion loss $\leq 0.05 \times \sqrt{f(\text{GHz})}$ 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) 2500 V rms	
		Working voltage (at sea level) 1000 V rms	
Mechanical Data		Recommended coupling nut torque 6 to 10 inch lbs	
		Coupling proof torque 15 inch lbs	
		Coupling nut retention force ≥ 101.2 lbs	
		Contact captivation-axial ≥ 6.3 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	
		Locator tool ST-012	
		Soldering fixture ST-008	
		Insert for .250 semi-rigid cable ST-250	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

N3300-0250		DATE	2020/03/25	REV	—
A  BODY		B  CONTACT PIN			
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: PUT 0.3 MM GAGE ST-0.3 IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER IN " Y ".			
		Step 3: INSERT PREPARED CABLE INTO CONNECTOR BODY " A " AND USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-250 " AND LOCATOR TOOL " ST-012 " 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	

N3300-0250

S11

