

N3300S-0141	N Plug Solder For RG402; 11GHz VSWR 1.2	50Ω																								
<table><tr><th>Parts</th><th>Material</th><th>Plating (Micro-inch)</th></tr><tr><td>Center Pin</td><td>Brass</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr><tr><td>Retainer Ring</td><td>Brass</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Gasket</td><td>Silicon</td><td></td></tr><tr><td>Insulator</td><td>Teflon</td><td></td></tr><tr><td>Solder Body</td><td>Stainless Steel</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr><tr><td>Body</td><td>Stainless Steel</td><td>Passivated</td></tr><tr><td>Coupling Nut</td><td>Stainless Steel</td><td>Passivated</td></tr></table>			Parts	Material	Plating (Micro-inch)	Center Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Gasket	Silicon		Insulator	Teflon		Solder Body	Stainless Steel	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Body	Stainless Steel	Passivated	Coupling Nut	Stainless Steel	Passivated
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Suitable Cables: Semi-rigid.141																										

This part number complies with RoHS.

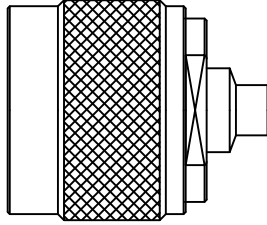
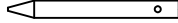
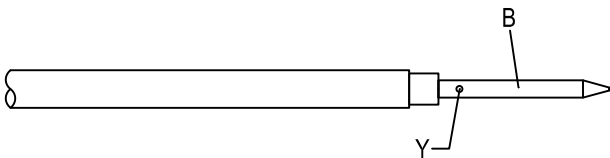
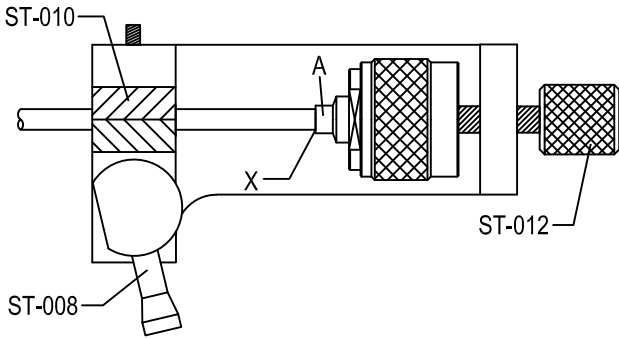
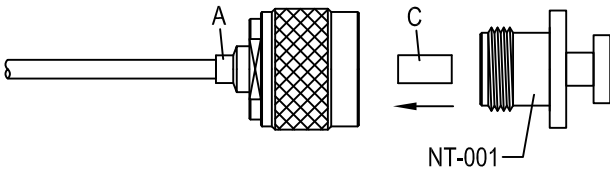
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N	N3300S-0141
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 Locator tool ST-012 Dielectric insertion tool NT-001 Soldering fixture ST-008 Insert for .141semi-rigid cable ST-010	

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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

N3300S-0141		DATE	2014/04/29	REV	—
A  BODY		B  CONTACT PIN		C  INSULATOR	
		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".			
		Step 3: INSERT PREPARED CABLE INTO SOLDERING FIXTURE " ST-008 ". USE INSERT TOOL " ST-010 " AND LOCATOR TOOL " ST-012 " TO FIX THE CONNECTOR. SOLDER IN " X ".			
		Step 4: USE DIELECTRIC INSERTION TOOL " NT-001 " TO INSERT THE TEFLON " C ".			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

N3300S-0141

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