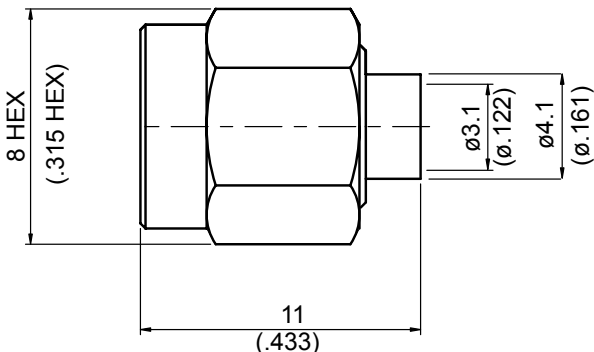


K3300-0118	2.92mm Plug Solder For .118 semi-rigid; 40GHz VSWR 1.2		50Ω																				
																							
<table><tr><td>Parts</td><td>Material</td><td colspan="2">Plating (Micro-inch)</td></tr><tr><td>Gasket</td><td>Silicon</td><td colspan="2"></td></tr><tr><td>Renber Ring</td><td>Beryllium Copper</td><td colspan="2">Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Body</td><td>Stainless</td><td colspan="2">Gold 5 Over Nickel 50 Over Copper 50</td></tr><tr><td>Coupling Nut</td><td>Stainless</td><td colspan="2">Passivated</td></tr></table>				Parts	Material	Plating (Micro-inch)		Gasket	Silicon			Renber Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50		Body	Stainless	Gold 5 Over Nickel 50 Over Copper 50		Coupling Nut	Stainless	Passivated	
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Coupling Nut	Stainless	Passivated																					
Weight: 3.5 g Suitable Cables: Semi-rigid.118																							

This part number complies with RoHS.

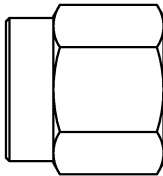
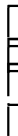
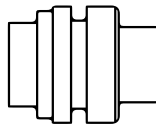
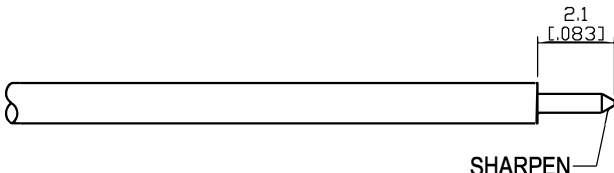
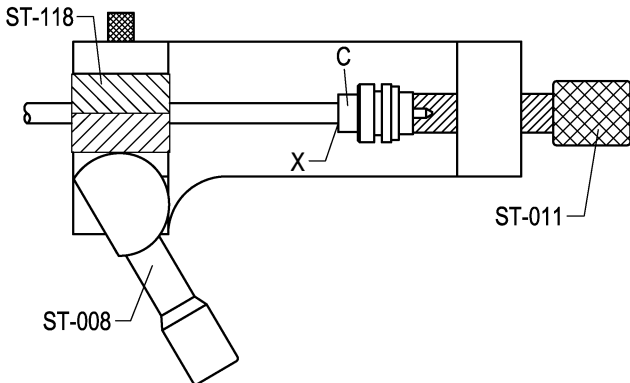
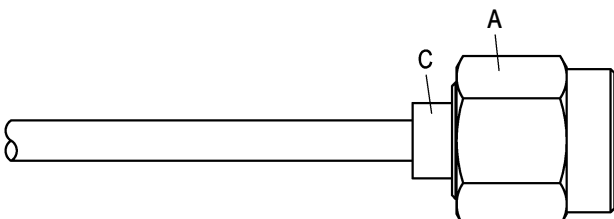
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

2.92 (K)	K3300-0118
Interface MIL-STD-348B Mechanically compatible with 3.5 & SMA	
Electrical Data Impedance Frequency range DC to 40GHz VSWR ≤ 1.2 (DC to 40GHz) Insertion loss $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance ≥ 5000 Contact resistance inner conductor $\leq 3\text{m}$ Contact resistance outer conductor $\leq 2\text{m}$ Dielectric withstanding voltage (at sea level) 750 V rms Working Voltage (at sea level) 250 V rms RF leakage $\geq 100\text{dB}$ to 1GHz	
Mechanical Data Recommended coupling nut torque 11.47 inch lbs Coupling proof torque 15 inch lbs Contact Captivation-axial ≥ 4.9 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 206 Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant	
Tooling Soldering fixture ST-008 Locator tool ST-011 Insert for .118 semi-rigid cable ST-118 Retainer Ring Pliers RINGPLIER1	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

K3300-0118		DATE	2015/09/01	REV	—
A  SHELL B  RETAINER RING C  BODY + GASKET					
DIAGRAM			ASSEMBLY INSTRUCTION		
 SHARPEN			Step 1: STRIP AS SHOWN. Step 2: SHARPEN CENTER CONDUCTOR TIP.		
 ST-118 ST-008 ST-011 C X			Step 3: USE SOLDERING FIXTURE " ST-008 " , INSERT TOOL " ST-118 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X " .		
 CUT EXCESS TEFLON C B			Step 4: CUT AWAY ANY EXCESS TEFLON AFTER SOLDERING. Step 5: CLIP RETAINER RING " B " ONTO THE BACK OF CONNECTOR BODY " C " .		
 A C			Step 6: PUT SHELL " C " ONTO BODY " A " . (USE RETAINER RING PLIERS P/N: RINGPLIER1)		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

K3300-0118

S11

