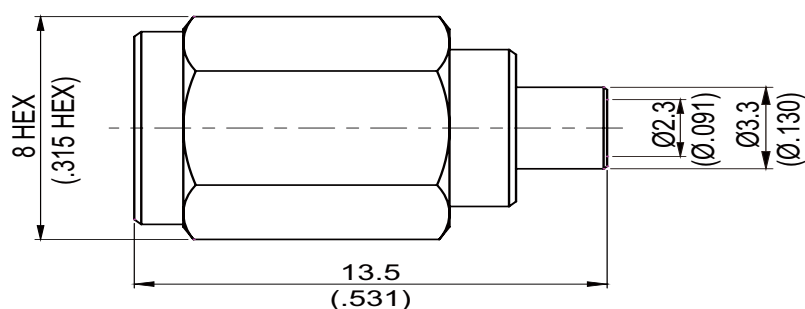


2.4-3300-0085

2.4 Plug Solder For RG405;
50GHz VSWR 1.3

50Ω



Parts	Material	Plating (Micro-inch)
Renbrock Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Body	Stainless Steel	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Coupling Nut	Stainless Steel	Passivated

Weight:
Suitable Cables:Semi-rigid.085

This part number complies with RoHS.

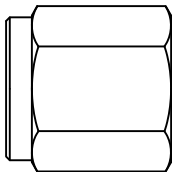
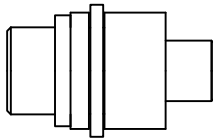
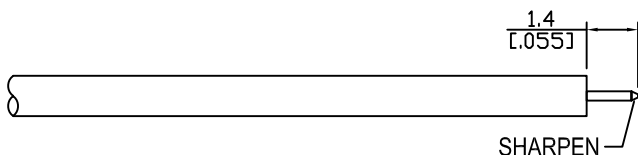
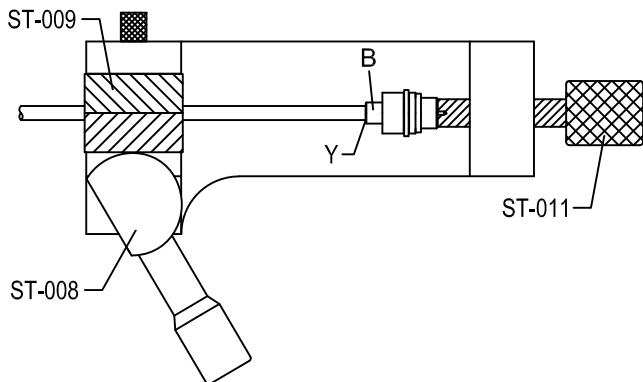
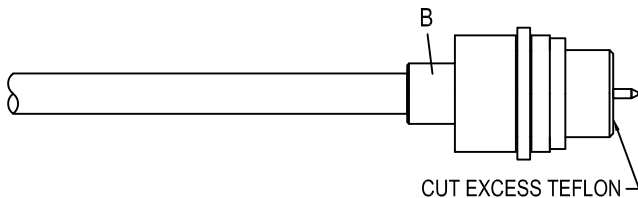
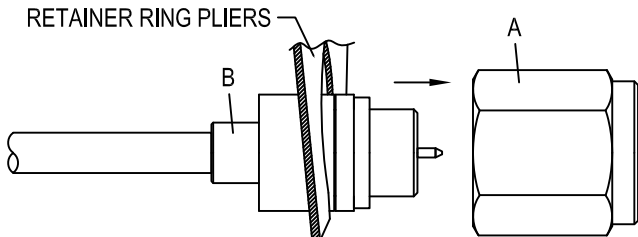
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

2.4	2.4-3300-0085
Interface MIL-STD-348B Mechanically compatible with 1.85	
Electrical Data Impedance 50Ω Frequency range DC to 50GHz VSWR ≤ 1.3 (DC to 50GHz) Insertion loss $\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 4\text{m}\Omega$ Contact resistance outer conductor $\leq 2.5\text{m}\Omega$ Dielectric withstanding voltage (sea level) 500V rms Working voltage (sea level) 150V rms RF leakage $\geq 100\text{dB}$ to 1GHz	
Mechanical Data Recommended coupling nut torque 7.08 to 9.74 inch lbs Coupling proof Torque 15 inch lbs Coupling nut retention force ≥ 60.7 lbs Contact captivation-axial ≥ 4.5 lbs Durability (mating) ≥ 500	
Environmental Data Temperature range -40°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 fixture ST-008 Insert for .085semi-rigid cable ST-009 Locator tool ST-011	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

2.4-3300-0085		DATE	2015/10/22	REV	—
A  COUPLING NUT		B  BODY + GASKET + RETAINER RING			
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN. Step 2: SHARPEN CENTER CONDUCTOR TIP.			
		Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-009 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR BODY " B ". SOLDER IN " Y ".			
		Step 4: CUT EXCESS TEFLON AFTER SOLDERING.			
		Step 5: PUT COUPLING NUT " A " ONTO CONNECTOR BODY " B ".			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

2.4-3300-0085

S11

