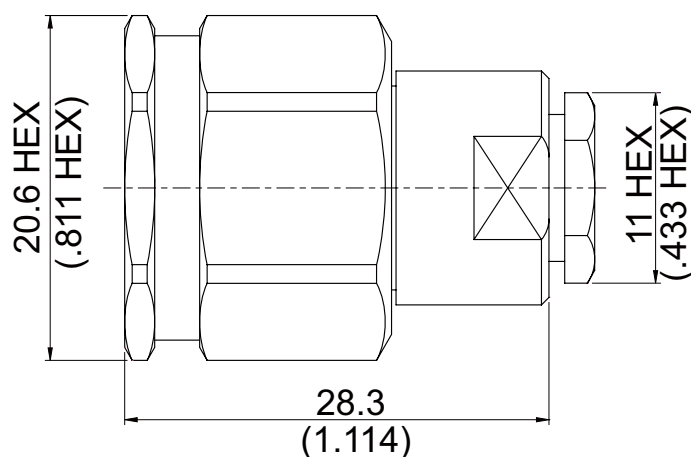


SC3300S-0250

SC plug solder clamp for RG401; 50Ω
1.8GHz VSWR 1.2



Parts	Material	Plating(Micro-inch)
Coupling Nut	Stainless Steel	Passivated
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Body	Stainless Steel	Passivated
Insulator	Teflon	
Gasket	Silicone	
Solder Ferrule	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Stainless Steel	Passivated

Weight: 45.5 g

Suitable Cables: Semi-rigid.250

This part number complies with RoHS.

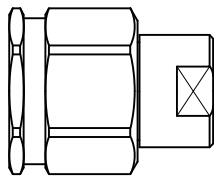
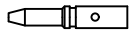
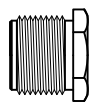
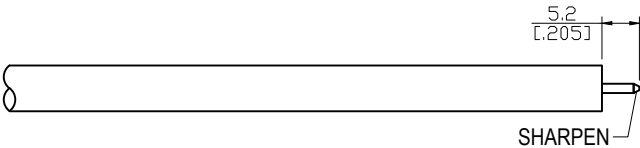
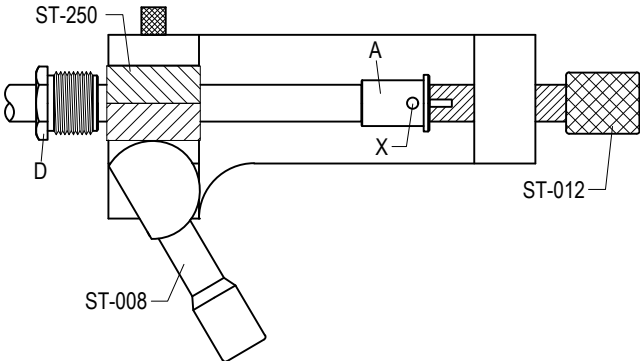
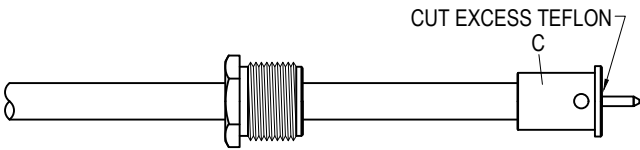
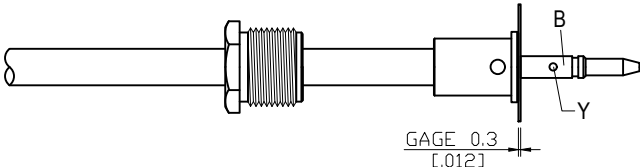
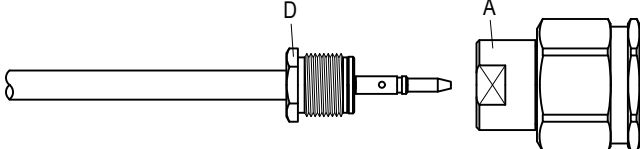
Notice: JYEBAO reserves the right to make modification deemed appropriate.

SC	SC3300S-0250
Interface MIL-STD-348B	
Electrical Data Impedance 50Ω Frequency range DC to 1.8Hz VSWR ≤ 1.2 (DC to 1.8GHz) Insertion loss $\leq 0.06 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 1.5\text{m}\Omega$ Contact resistance outer conductor $\leq 1.5\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 3000 V rms Working Voltage (at sea level) 1000 V rms	
Mechanical Data Recommended coupling nut torque 12 to 15 inch lbs Coupling proof torque 15 inch lbs Coupling nut retention force ≥ 100 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

SC3300S-0250		DATE	2018/06/01	REV	—
A		B		C	D
					
BODY		CONTACT PIN		SOLDER FERRULE	NUT
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN. Step 2: SHARPEN CENTER CONDUCTOR TIP.		
			Step 3: SLIDE NUT " D " OVER CABLE. Step 4: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-250 " AND LOCATOR TOOL " ST-012 " TO FIX THE CONNECTOR. SOLDER IN " X ".		
			Step 5: CUT AWAY ANY EXCESS TEFLON STICKING OUT OF THE SOLDER FERRULE.		
			Step 6: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ". USE 0.3MM GAGE ST-0.3		
			Step 7: FINALLY SCREW NUT " D " 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	

SC3300S-0250

S11

