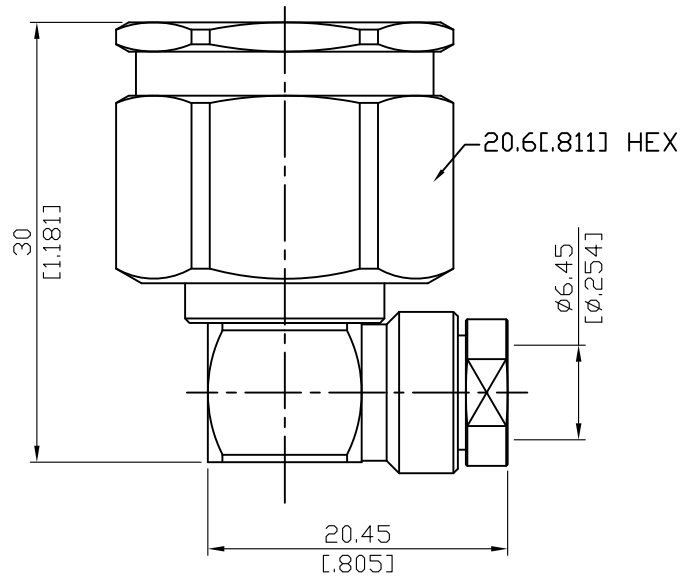


SC3300A-9250

SC plug right angle for RG401
5.5GHz VSWR 1.2

50Ω



Parts	Material	Plating (Micro-inch)
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicone	
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Solder Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Suitable Cables: .250 Semi-rigid; .250 Formable

This part number complies with RoHS.

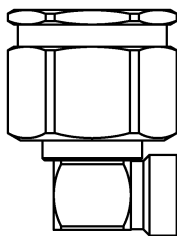
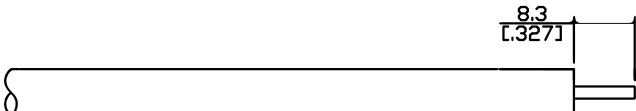
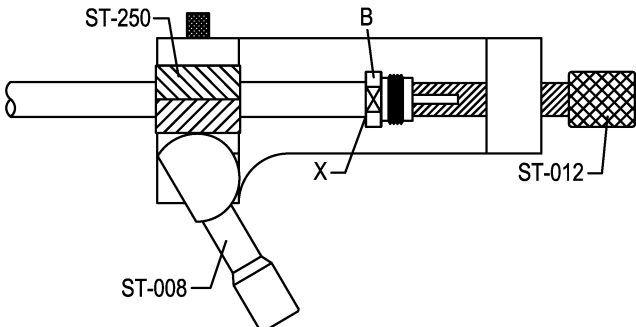
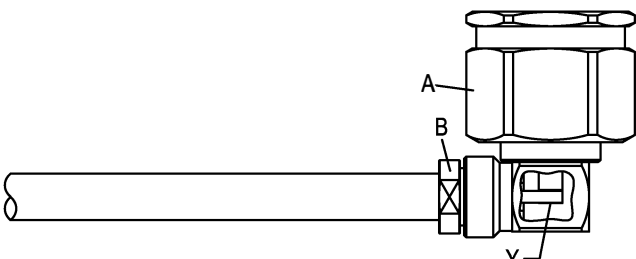
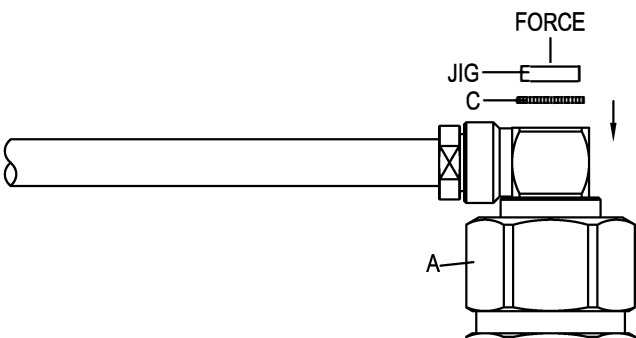
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SC	SC3300A-9250
Interface MIL-STD-348B	
Electrical Data Impedance 50Ω Frequency range DC to 5.5GHz VSWR ≤ 1.2 (DC to 5.5GHz) Insertion loss $\leq 0.1 \times \sqrt{f(\text{GHz})}$ 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 fixture ST-008 Insert for .250 semi-rigid cable ST-250 Locator tool ST-012	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

SC3300A-9250		DATE	2020/03/25	REV	—
A  BODY		B  SOLDER NUT		C  COVER	
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-250 " AND LOCATOR TOOL " ST-012 " TO FIX THE CONNECTOR. SOLDER IN " X ".		
			Step 3: SCREW SOLDER NUT " B " ON THE CONNECTOR BODY " A " AND SOLDER IN " Y ".		
			Step 4: PRESS ON THE TOP OF " C " WITH JIGS.		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SC3300A-9250

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