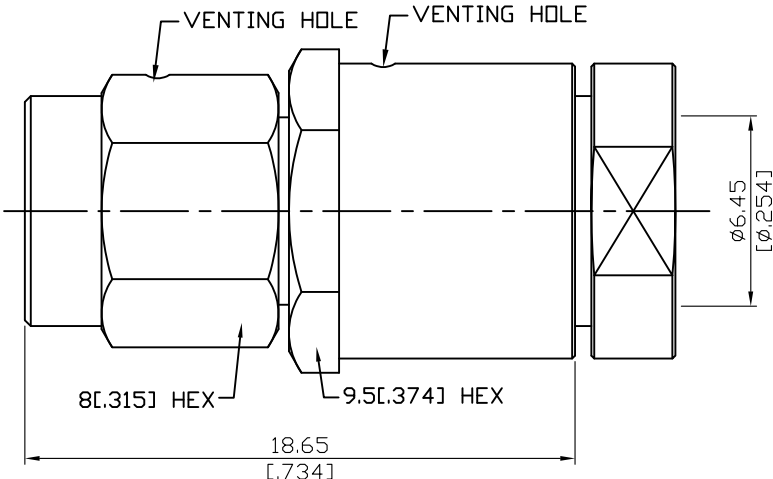


SMA3300A-0250/VH	SMA Plug Solder With Venting Hole For RG401 18GHz VSWR 1.2	50Ω																					
																							
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Suitable Cables: Semi Rigid .250																							

This part number complies with RoHS.

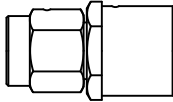
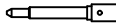
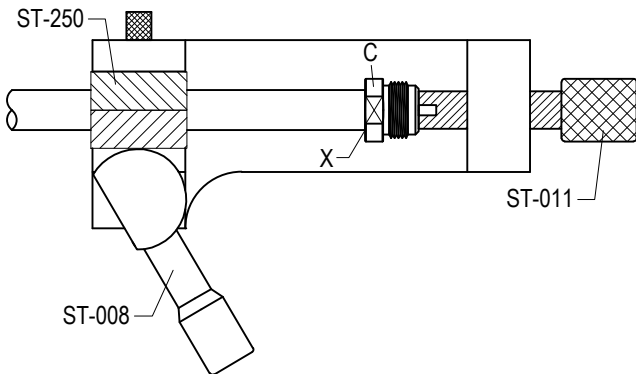
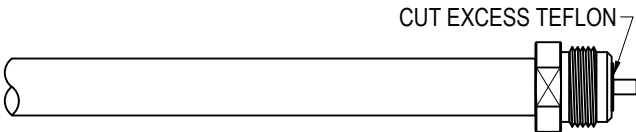
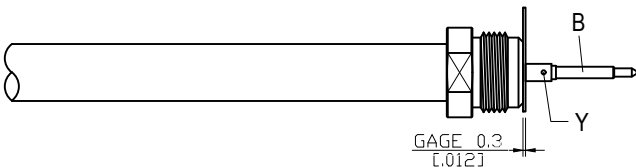
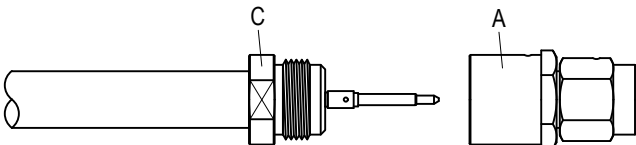
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA		SMA3300A-0250/VH	
Interface			
MIL-STD-348B			
Mechanically compatible with		2.92 & 3.5	
Electrical Data			
Impedance	50Ω		
Frequency range	DC to 18GHz		
VSWR	≤ 1.2 (DC to 18GHz)		
Insertion loss	≤ 0.04 x √f(GHz) dB		
Insulation resistance	≥ 5000MΩ		
Contact resistance inner conductor	≤ 3mΩ		
Contact resistance outer conductor	≤ 2mΩ		
Dielectric withstanding voltage (at sea level)	1500 V rms		
Working voltage (at sea level)	500 V rms		
Mechanical Data			
Recommended coupling nut torque	4 inch lbs		
Coupling proof torque	5.3 inch lbs		
Coupling nut retention force	≥ 60.7 lbs		
Contact Captivation-axial	≥ 6.1 lbs		
Durability (mating)	≥ 100		
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	Soldering fixture	ST-008
Locator tool	ST-011	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

SMA3300A-0250/VH		DATE	2018/09/03	REV	—
A		B		C	
					
BODY		CONTACT PIN		SOLDER NUT	
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-250 " AND LOCATOR TOOL " ST-011 " TO FIX THE SOLDER NUT. SOLDER IN " X ".		
			Step 3: CUT AWAY ANY EXCESS TEFLON STICKING OUT OF THE SOLDER NUT.		
			Step 4: PUT 0.3 MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER IN " Y ".		
			Step 5: FINALLY SCREW NUT " C " ON THE CONNECTOR BODY " A " .		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				<i>Albert</i>	