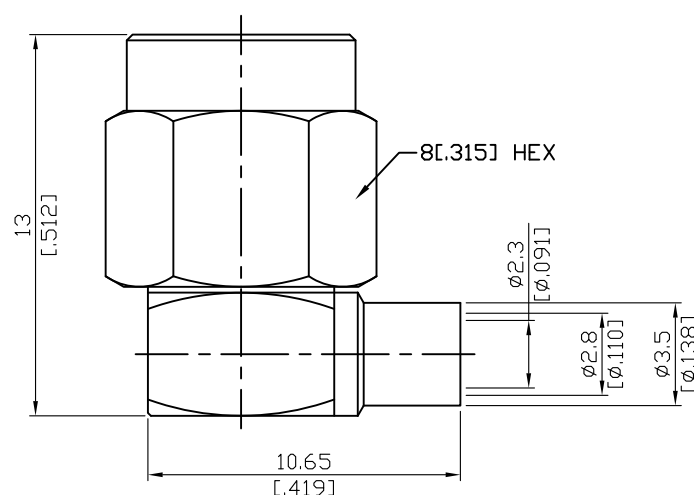


SMA3300C-9405/W

SMA Plug Solder Right Angle
For Flexible RG405; 18GHz VSWR 1.2*

50Ω



*Using 5002

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

Suitable Cables: SS405, 5002, 5002LD, T-Flex405, Multibend 405

This part number complies with RoHS.

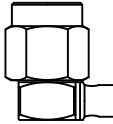
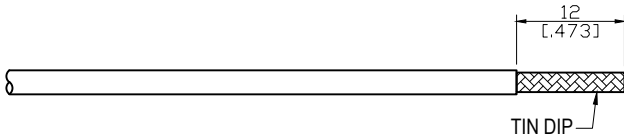
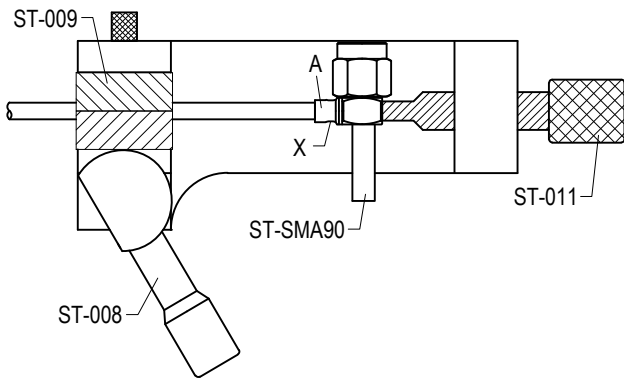
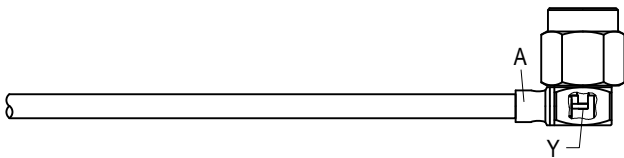
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA3300C-9405/W
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 $\sqrt{f(\text{GHz})}$ dB
Insulation resistance	≥ 5000MΩ
Contact resistance inner conductor	≤ 3mΩ
Contact resistance outer conductor	≤ 2mΩ
Dielectric withstanding voltage (at sea level)	750 V rms
Working voltage (at sea level)	250 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	
Locator tool	ST-SMA90, ST-011
Soldering fixture	ST-008
Insert tool	ST-009

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMA3300C-9405/W		DATE	2017/12/01	REV	—
<div><div><div>A</div><div>BODY</div><div></div></div><div><div>B</div><div>FERRULE</div><div></div></div><div><div>C</div><div>COVER</div><div></div></div></div>					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: CUT CENTER CONDUCTOR TO LENGTH.		
			Step 3: USE FIXTURE " ST-SMA90 " TO FIX CABLE. Step 4: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-009 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".		
			Step 5: SOLDER IN " Y ".		
			Step 6: PRESS ON THE TOP OF " C " AND " B " WITH JIGS.		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMA3300-9405/W

