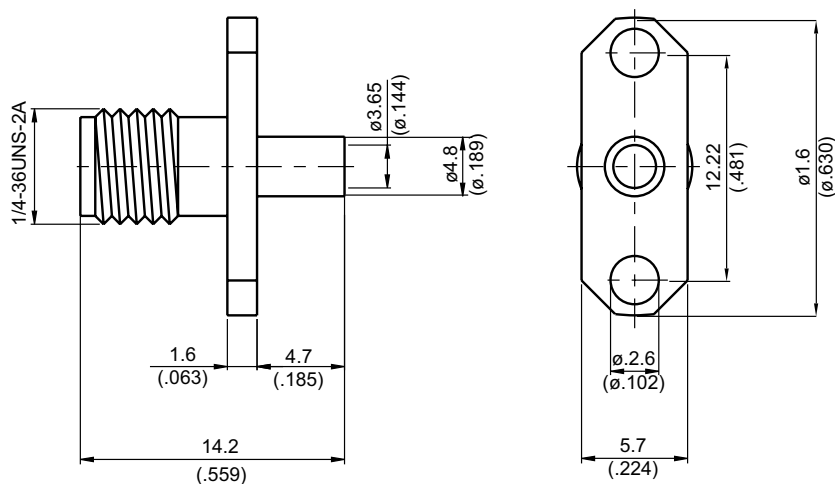
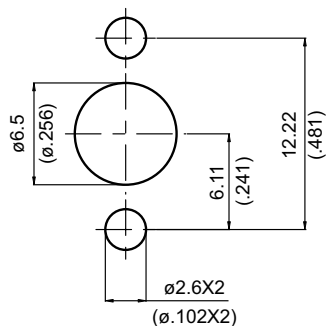


SMA8326-0141

SMA Jack Solder $\phi 16\text{mm}$ 2 Hole Flange 50 Ω
For RG402; 27GHz VSWR 1.2



MOUNTING HOLE :



Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 2 g

Suitable Cables: .141 semi-rigid, .141 conformable

This part number complies with RoHS.

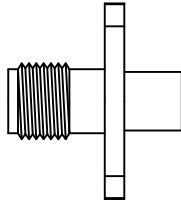
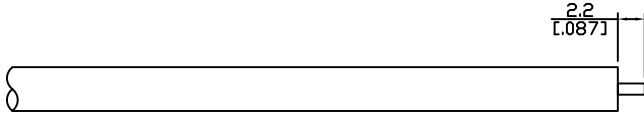
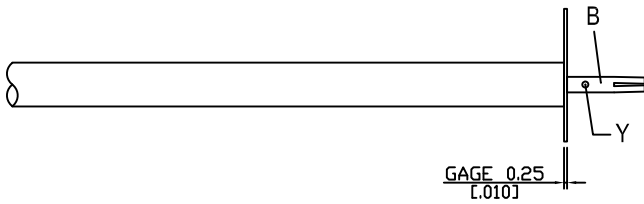
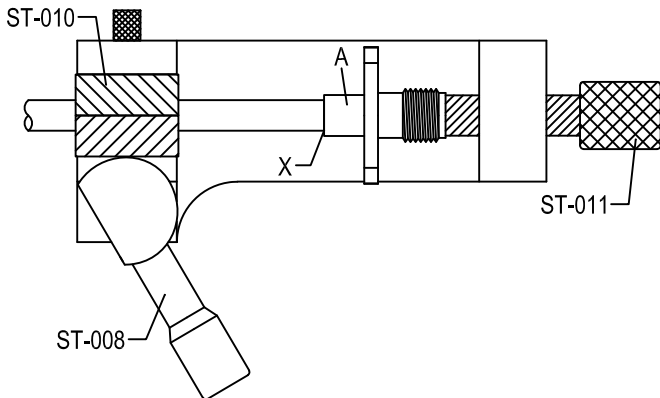
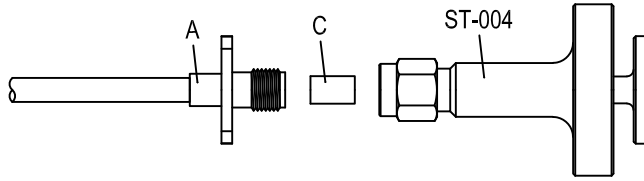
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA		SMA8326-0141	
Interface			
MIL-STD-348B			
Mechanically compatible with		2.92 & 3.5	
Electrical Data			
Impedance		50Ω	
Frequency range		DC to 27GHz	
VSWR		≤ 1.2 (DC to 27GHz)	
Insertion loss		$\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB	
Insulation resistance		$\geq 5000\text{M}\Omega$	
Contact resistance inner conductor		$\leq 3\text{m}\Omega$	
Contact resistance outer conductor		$\leq 2\text{m}\Omega$	
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	
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-005	Soldering fixture	ST-008
Locator tool	ST-011	Insert for .141 semi-rigid cable	ST-010
Dielectric insertion tool	ST-004		

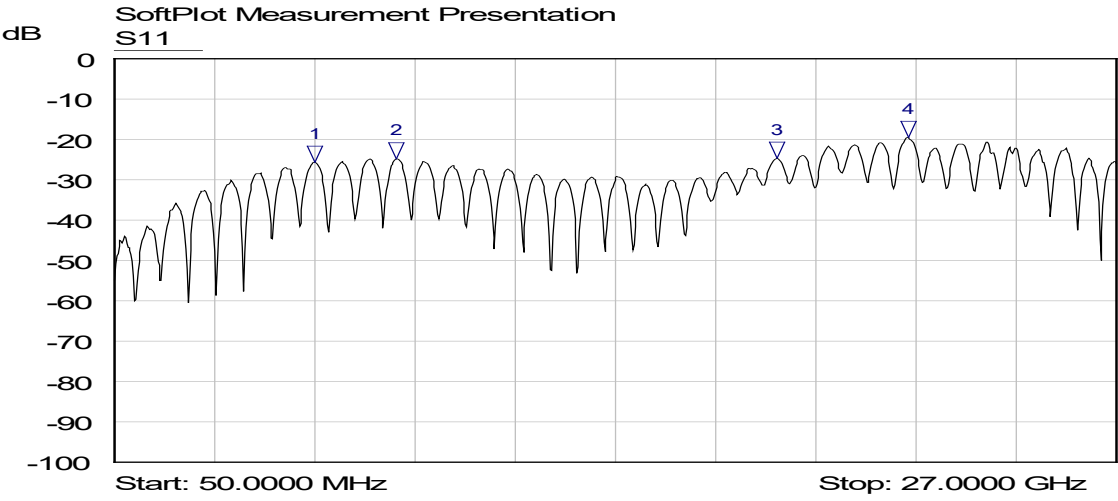
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JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

SMA8326-0141		DATE	2020/06/10	REV	-
A  BODY B  CONTACT PIN C  INSULATOR					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: PUT 0.25 MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER IN " Y ".		
			Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-010 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".		
			Step 4: USE DIELECTRIC INSERTION TOOL " ST-004 " TO INSERT THE TEFLON " C ".		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMA8326-0141



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S11	5.4460 GHz	-25.69 dB	
2 ▽	S11	7.6344 GHz	-24.76 dB	
3 ▽	S11	17.8568 GHz	-24.67 dB	
4 ▽	S11	21.3942 GHz	-19.42 dB	