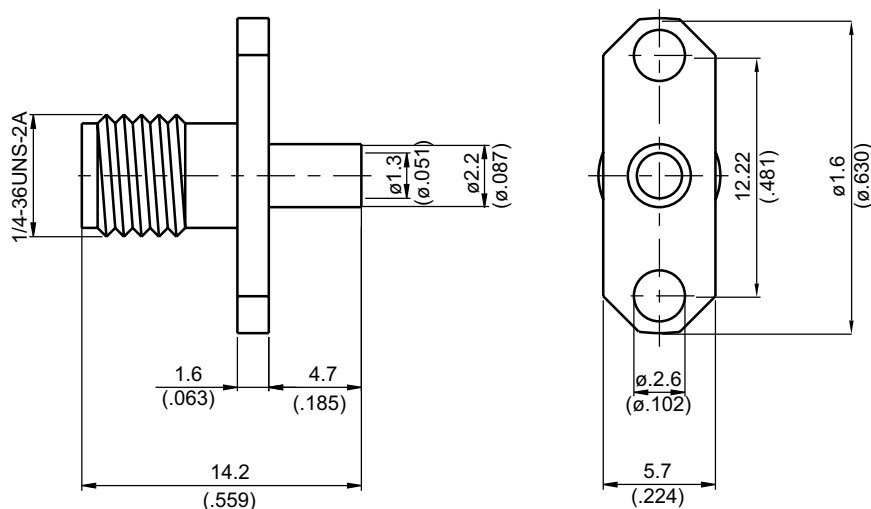


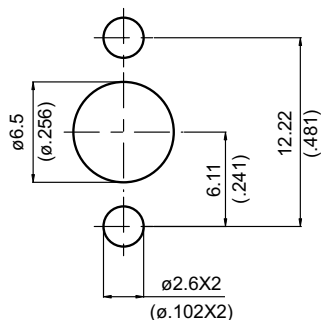
SMA8326-0047

SMA Jack Solder $\Phi 16\text{mm}$ 2 Hole Flange
For .047semi-rigid; 27GHz VSWR 1.3

50 Ω



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: 1.82 g

Suitable Cables: Semi-rigid.047

This part number complies with RoHS.

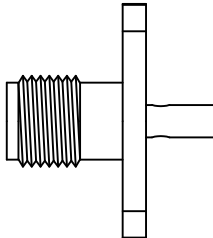
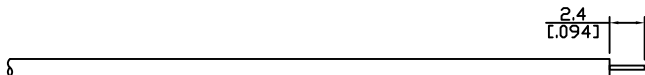
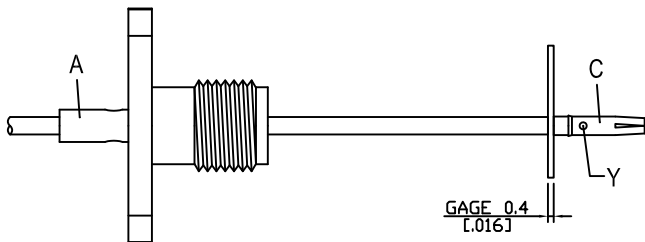
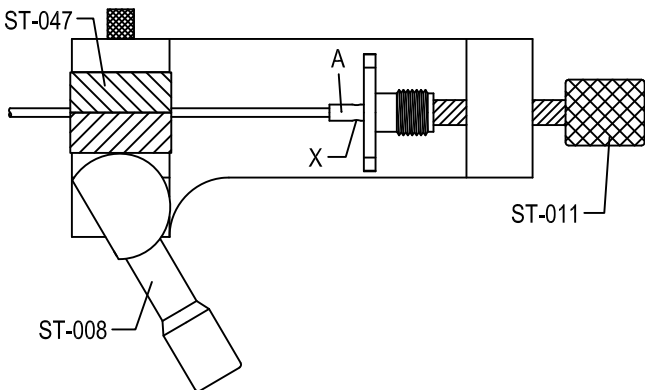
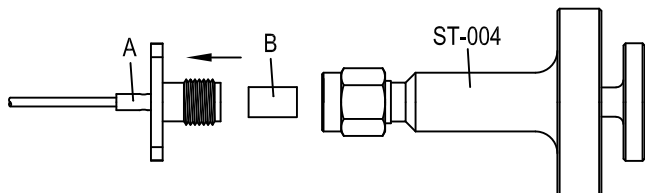
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA		SMA8326-0047	
Interface			
MIL-STD-348B			
Mechanically compatible with		2.92 & 3.5	
Electrical Data			
Impedance		50Ω	
Frequency range		DC to 27GHz	
VSWR		≤ 1.3 (DC to 27GHz)	
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)		1000 V rms	
Working voltage (at sea level)		335 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-0.4	Soldering fixture	ST-008
Locator tool	ST-011	Insert for .047semi rigid cable	ST-047
Dielectric insertion tool	ST-004		

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

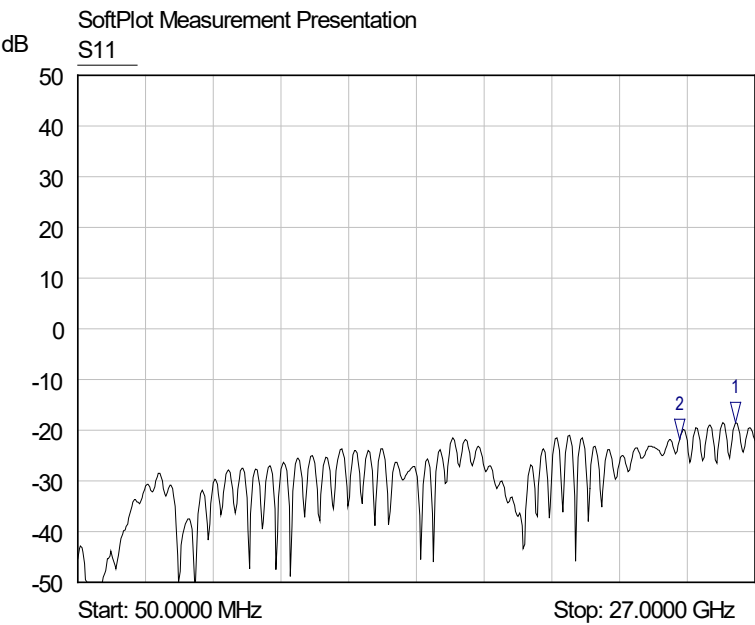
JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

SMA8326-0047		DATE	2014/04/29	REV	—
A  BODY B  INSULATOR C  CONTACT PIN					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE CONNECTOR BODY " A " OVER CABLE. Step 3: PUT 0.4MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " C " AND SOLDER IN " Y ".		
			Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-047 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".		
			Step 4: USE DIELECTRIC INSERTION TOOL " ST-004 " TO INSERT THE INSULATOR " B ".		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMA8326-0047

S11



- 1 S11
26.2358 GHz
-18.50 dB
- 2 S11
23.9942 GHz
-21.85 dB