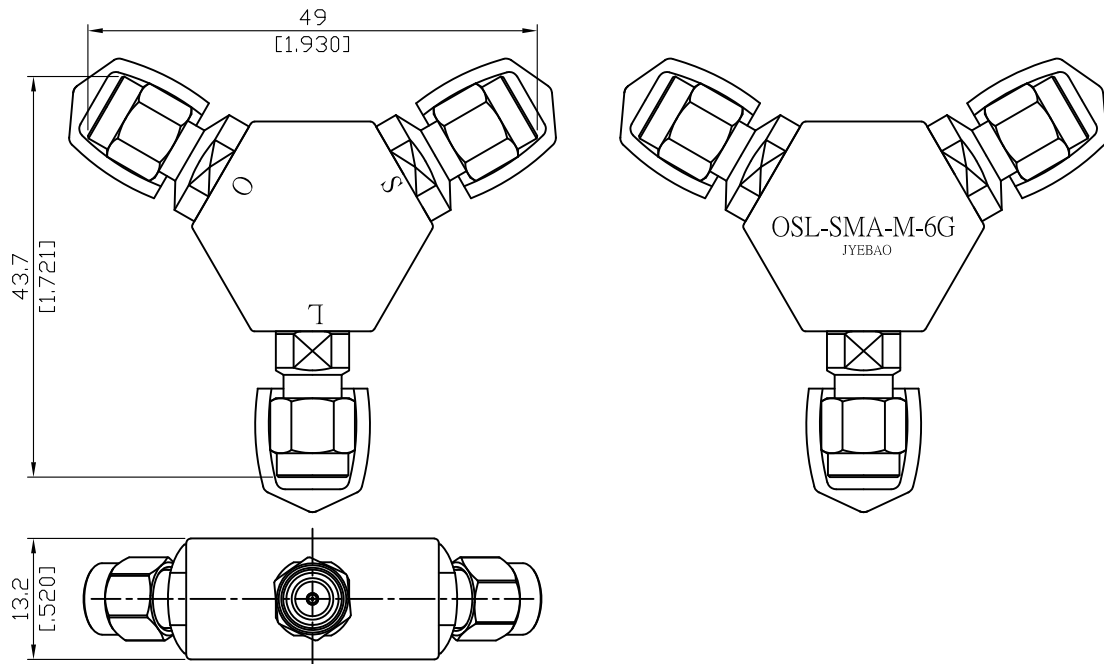


OSL-SMA-M-6G

SMA Plug 50ohm Open Short Load 6GHz

50Ω



OPEN				SHORT					
<b>Frequency Range</b>	DC-6GHz			<b>Frequency Range</b>	DC-6GHz				
<b>Impedance</b>	50Ω			<b>Impedance</b>	50Ω				
<b>Offset length</b>	Agilent	Anritsu	Rohde&Schwarz	<b>Offset length</b>	Agilent	Anritsu	Rohde&Schwarz		
	16.70ps	5.01mm	5.01mm		16.70ps	5.01mm	5.01mm		
<b>Capacitance</b>	Agilent/Anritsu		Rohde&Schwarz	<b>Inductance</b>	Agilent/Anritsu		Rohde&Schwarz		
	C0	(1E-15) F	4.500		fF	4.5000000	L0	(1E-12) H	4.000
C1	(1E-27) F/Hz	395.000	fF/GHz	0.3950000	L1	(1E-24) H/Hz	-650.000	pH/GHz	-0.6500000
C2	(1E-36) F/Hz <sup>2</sup>	-20.000	fF/GHz <sup>2</sup>	-0.0200000	L2	(1E-33) H/Hz <sup>2</sup>	39.000	pH/GHz <sup>2</sup>	0.0390000
C3	(1E-45) F/Hz <sup>3</sup>	0.400	fF/GHz <sup>3</sup>	0.0004000	L3	(1E-42) H/Hz <sup>3</sup>	-0.640	pH/GHz <sup>3</sup>	-0.0006400
<b>Phase Error</b>	DC-6GHz			≤1°	<b>Phase Error</b>	DC-6GHz			≤1°
<b>Return Loss</b>	DC-6GHz			≤0.10dB	<b>Return Loss</b>	DC-6GHz			≤0.10dB

Load	
Frequency Range	DC-6GHz
Impedance	50Ω
DC Resistance	50 ± 0.50Ω
Max Power	0.25 W
Return Loss DC-6GHz	≥ 42dB

**Notes:**

1. Temperature range for optimal results: +20 °C to +26 °C
2. Storage temperature range: -20 °C to +75°C
3. When not in use put on cap to keep connector clean
4. Return loss test results shipped along with goods (example below)

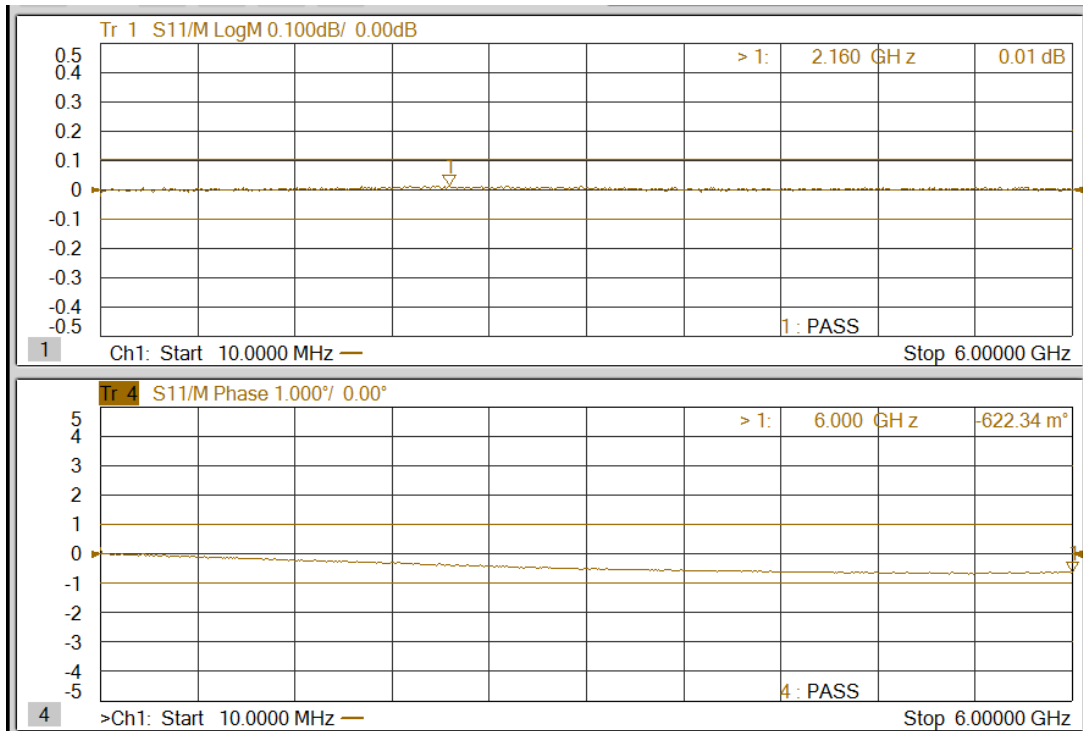
Parts	Material	Plating ( Micro-inch )
Housing	Aluminium	Anodized (Green)
Cap	PVC	
Body open/short/load	Stainless Steel	Passivated
Contact pin open/short/load	Beryllium Copper	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20
Dielectric	Teflon	

This part number complies with RoHS.

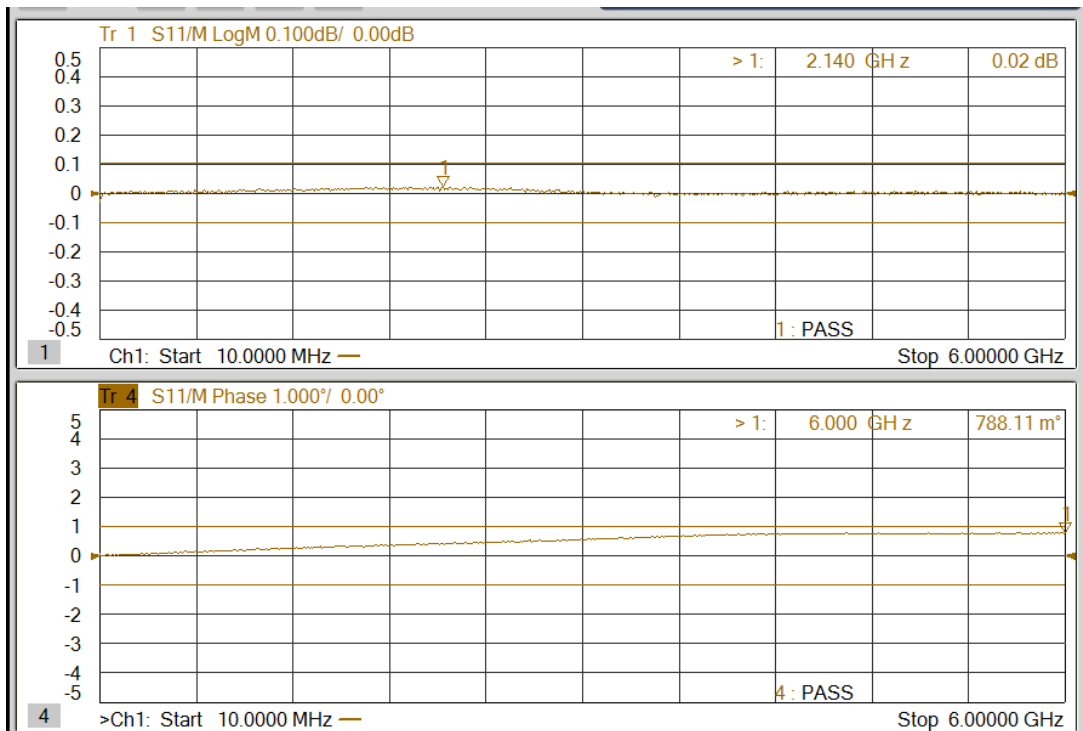
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

# OSL-SMA-M-6G

## OPEN return loss & phase error



## SHORT return loss & phase error



# LOAD return loss

