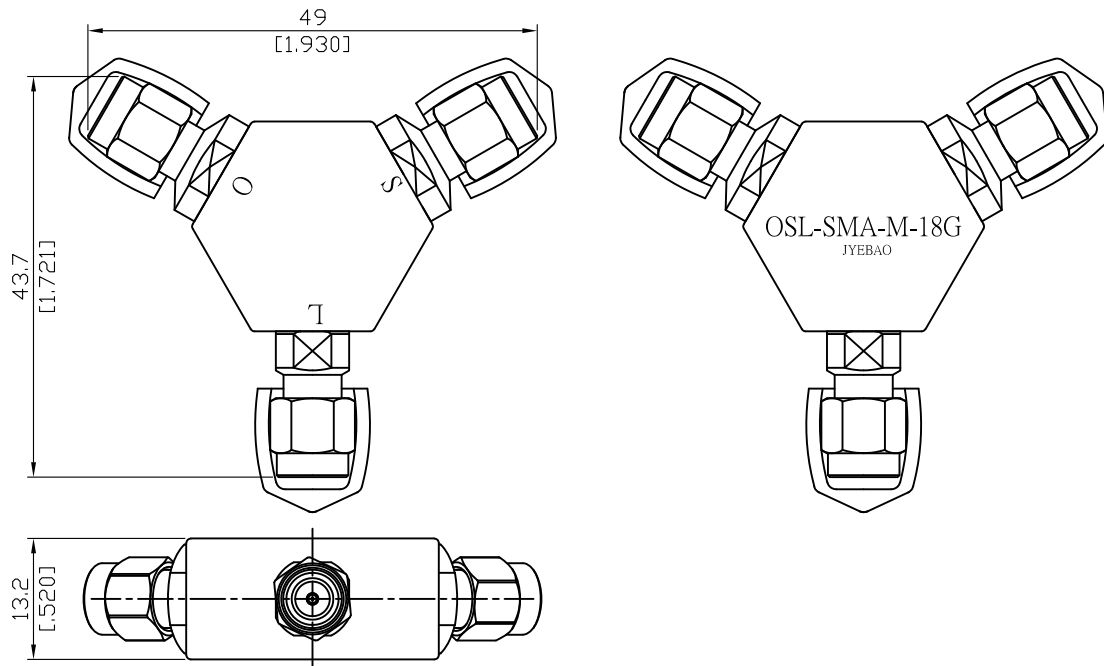


OSL-SMA-M-18G

SMA Plug 50ohm Open Short Load 18GHz

50Ω



OPEN				SHORT							
Frequency Range	DC-18GHz			Frequency Range	DC-18GHz						
Impedance	50Ω			Impedance	50Ω						
Offset length	Agilent	Anritsu	Rohde&Schwarz	Offset length	Agilent	Anritsu	Rohde&Schwarz				
	16.70ps	5.01mm	5.01mm		16.70ps	5.01mm	5.01mm				
Capacitance	Agilent/Anritsu		Rohde&Schwarz	Inductance	Agilent/Anritsu		Rohde&Schwarz				
	C0	(1E-15) F	4.500		fF	4.5000000	L0	(1E-12) H	4.000	pH	4.0000000
	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 ²	-20.000	fF/GHz ²	-0.0200000		L2	(1E-33) H/Hz ²	39.000	pH/GHz ²	0.0390000
	C3	(1E-45) F/Hz ³	0.400	fF/GHz ³	0.0004000		L3	(1E-42) H/Hz ³	-0.640	pH/GHz ³	-0.0006400
Phase Error				Phase Error							
	DC-6GHz	≤1°			DC-6GHz	≤1°					
	6-18Ghz	≤3°			6-18Ghz	≤3°					
Return Loss				Return Loss							
	DC-6GHz	≤0.10dB			DC-6GHz	≤0.10dB					
	6-18GHz	≤0.20dB			6-18GHz	≤0.20dB					

Load		
Frequency Range	DC-18Ghz	
Impedance	50Ω	
DC Resistance	50 ± 0.50Ω	
Max Power	0.25W	
Return Loss	DC-6GHz	≥42dB
	6-18GHz	≥30 dB

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

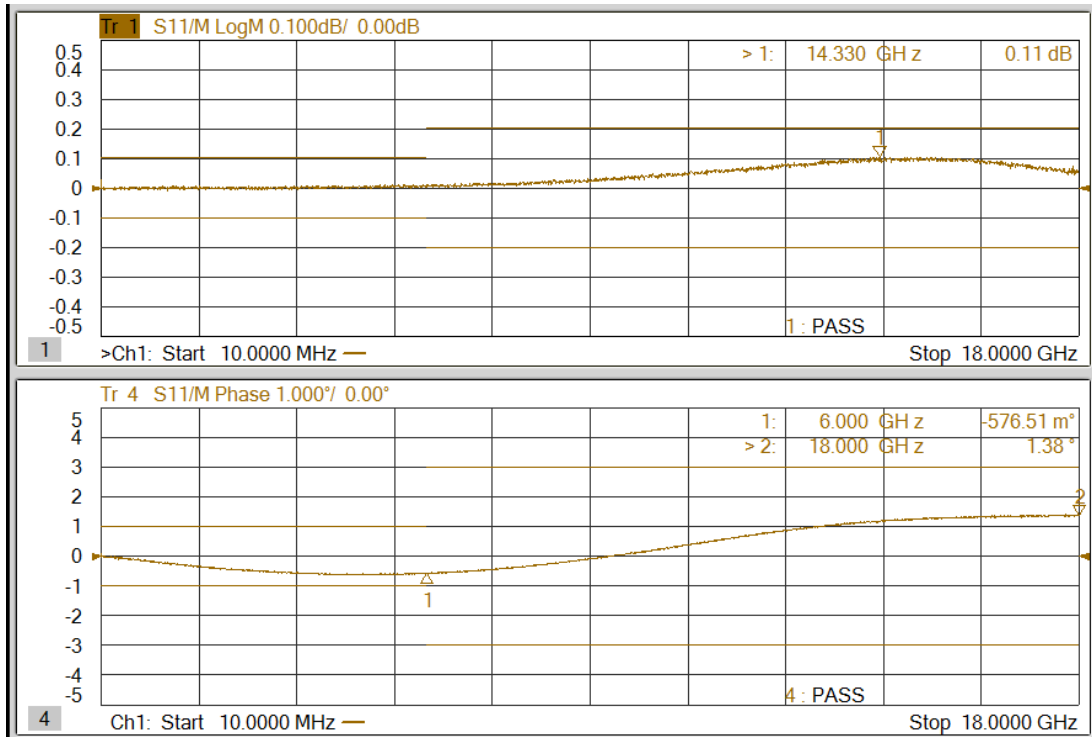
Parts	Material	Plating (Micro-inch)
Housing	Aluminium	Anodized (Green)
Cap	PVC	
Body open/short/load	Stainless Steel	Passivated
Contact pin open/short/load	Beryllium Copper	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20
Dielectric	Teflon	

This part number complies with RoHS.

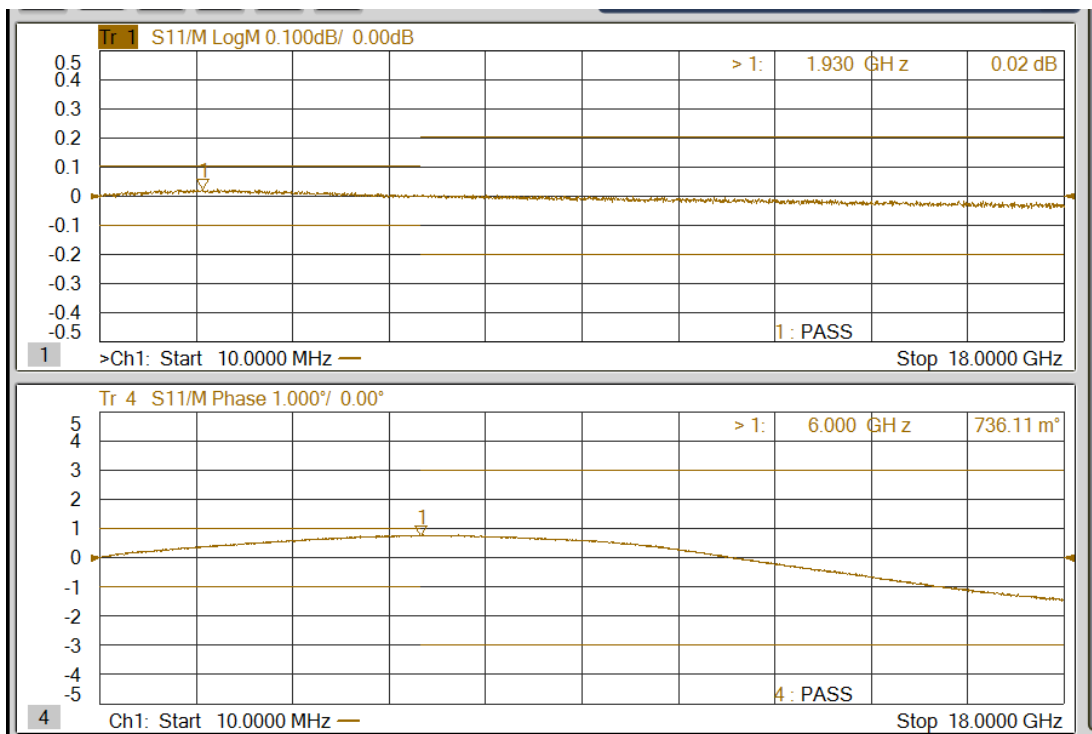
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

OSL-SMA-M-18G

OPEN return loss & phase error



SHORT return loss & phase error



LOAD return loss

