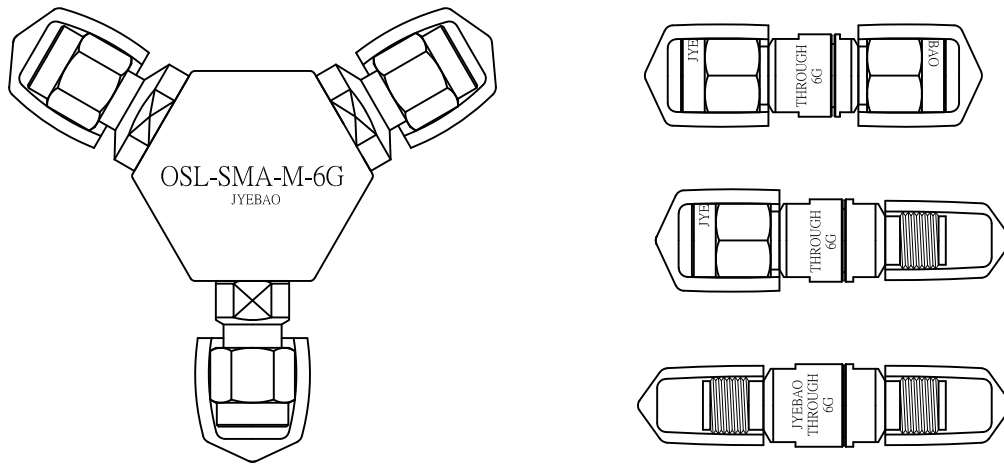


OSLT-SMA-M-6G

SMA Plug 50ohm Open Short Load Through 6GHz

50Ω



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)

OPEN				SHORT					
Frequency Range	DC-6GHz			Frequency Range	DC-6GHz				
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	DC-6GHz			≤1°	Phase Error	DC-6GHz			≤1°
Return Loss	DC-6GHz			≤0.10dB	Return Loss	DC-6GHz			≤0.10dB

Load		Through Adaptor	
Frequency Range	DC-6GHz	Frequency Range	DC-6GHz
Impedance	50Ω	Impedance	50Ω
DC Resistance	50 ± 0.50Ω	Insertion Loss	≤0.15dB
Max Power	0.25W	Electrical Length	29.3+/-0.12mm
Return Loss DC-6GHz	≥42dB	Return Loss DC-6GHz	≥32dB

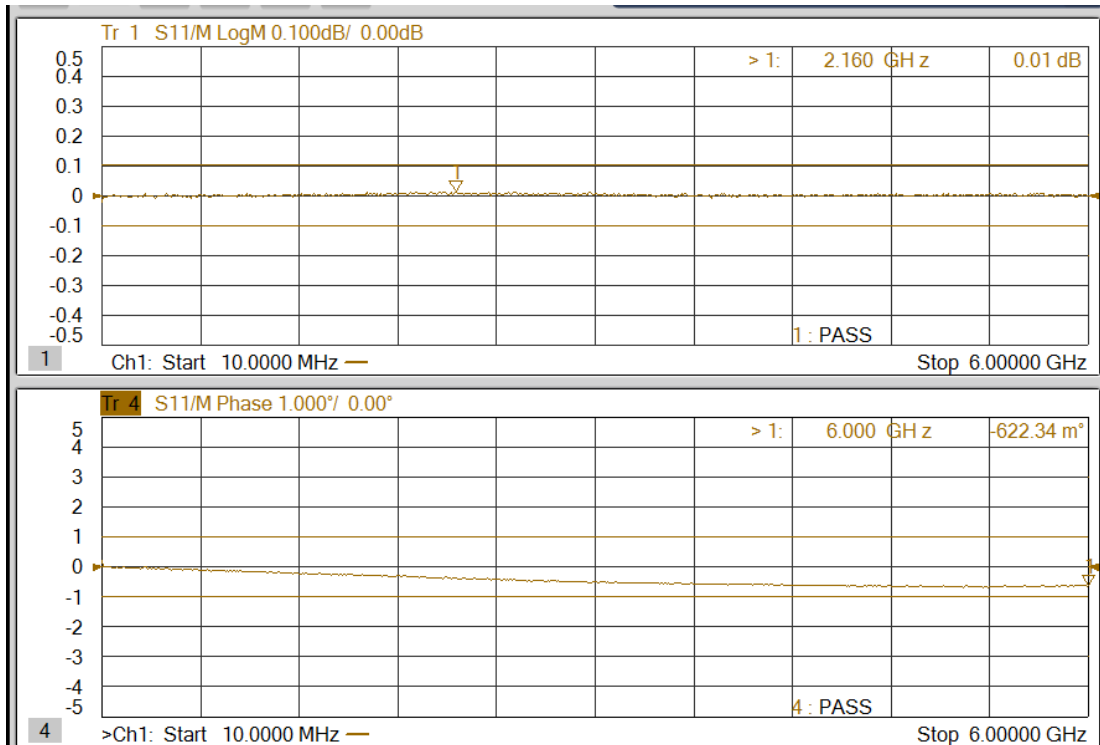
Parts	Material	Plating (Micro-inch)
Housing	Aluminium	Anodized (Green)
Cap	PVC	
Body open/short/load/adaptor	Stainless Steel	Passivated
Contact pin open/short/load/ through adaptors	Beryllium Copper	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20
Dielectric	Teflon	

This part number complies with RoHS.

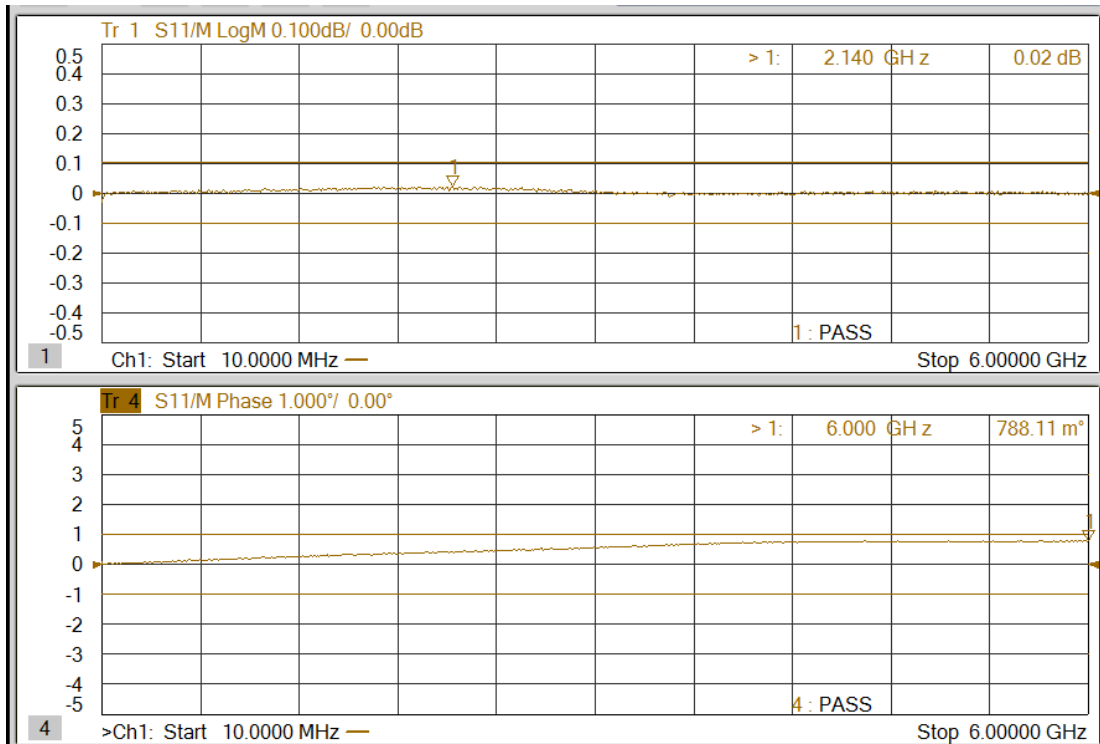
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

OSLT-SMA-M-6G

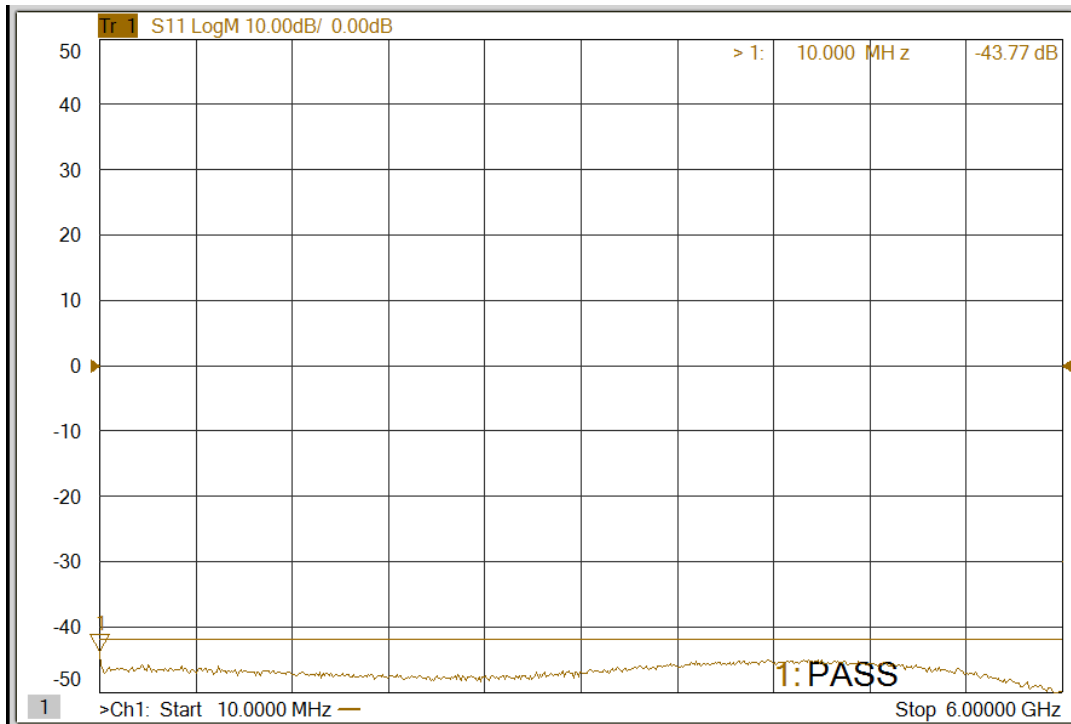
OPEN return loss & phase error



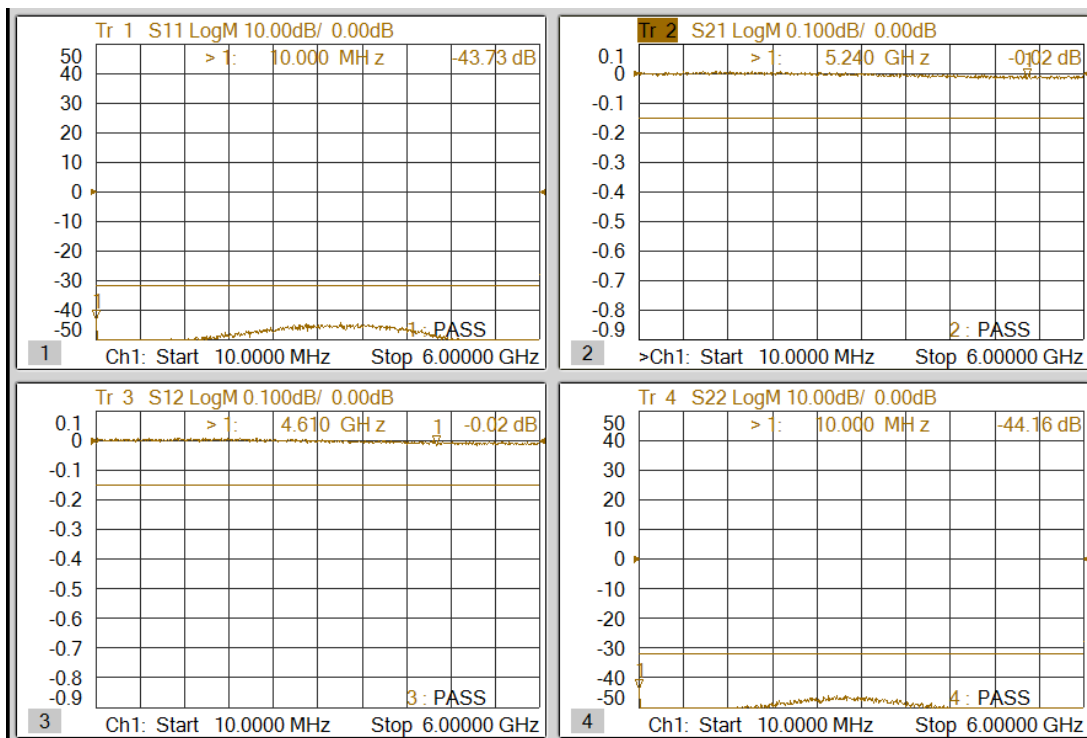
SHORT return loss & phase error



LOAD return loss

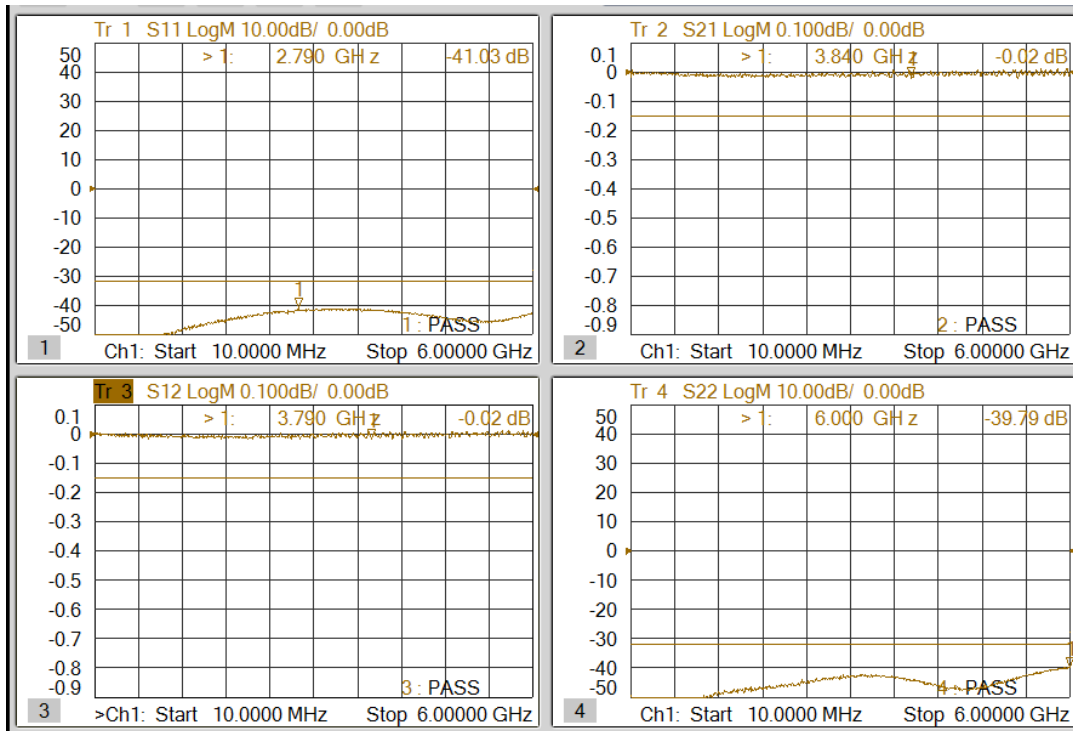


Thru male-male insertion & return loss



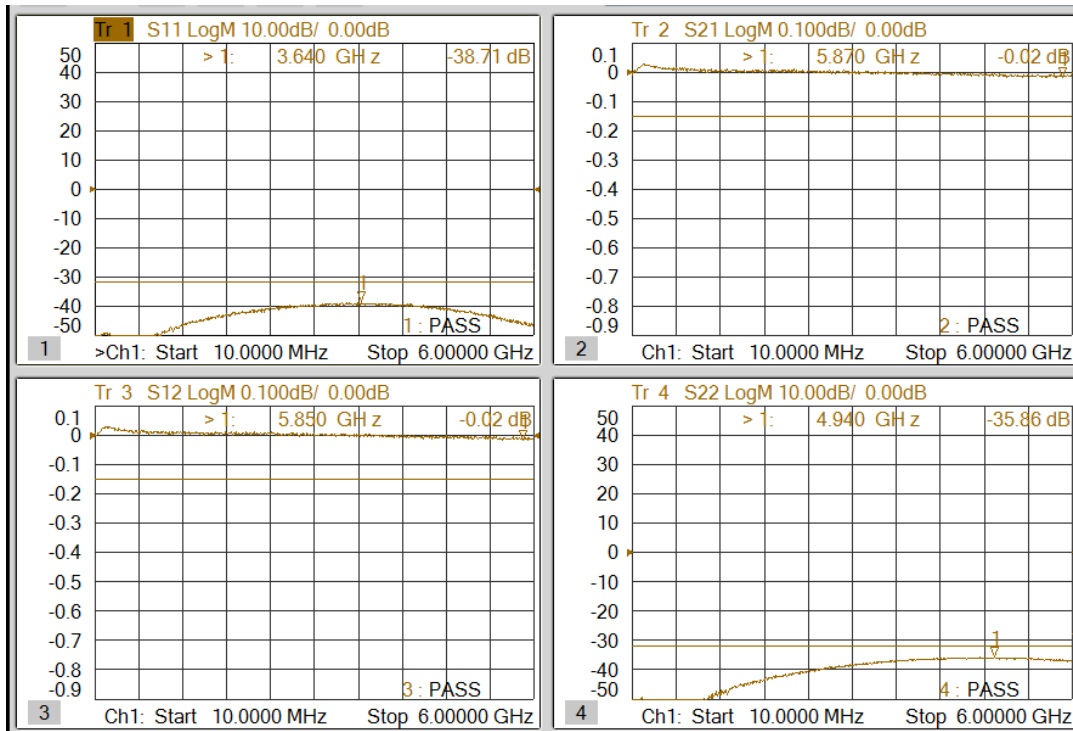
Thru male-male electrical length: 29.3mm

Thru male-female insertion & return loss



Thru male-female electrical length: 29.3mm

Thru female-female insertion & return loss



Thru female-female electrical length: 29.3mm