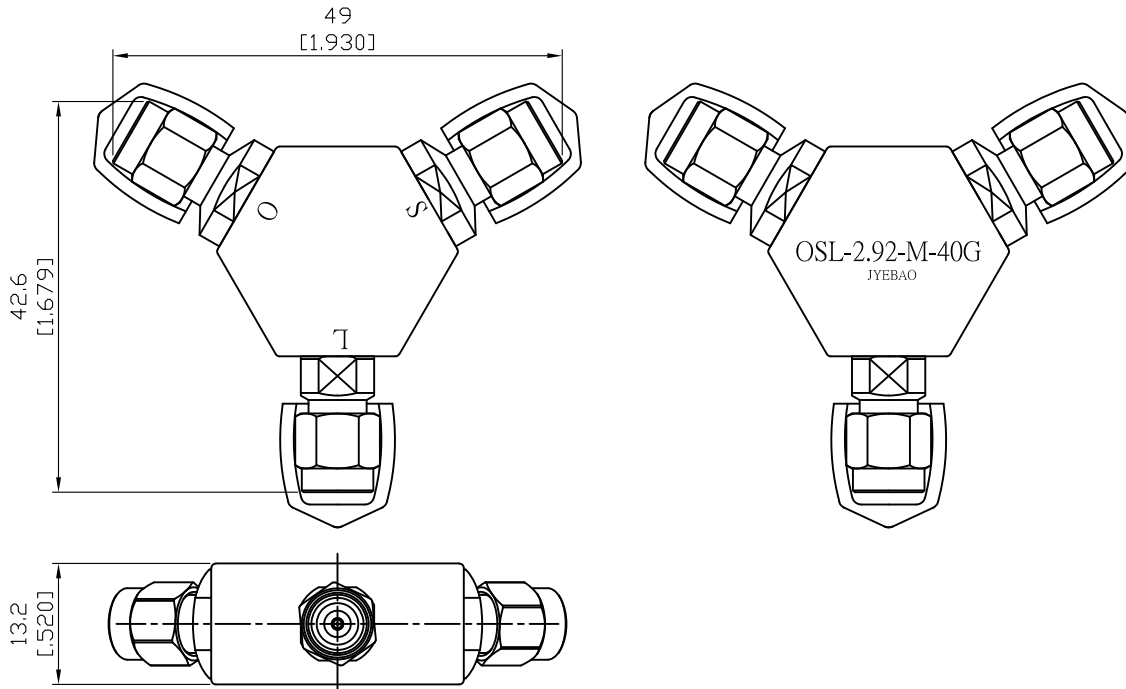


OSL-2.92-M-40G

2.92mm Plug 50ohm Open Short Load 40GHz

50Ω



OPEN				
Frequency Range	DC-40GHz			
Impedance	50Ω			
Offset length	Agilent	Anritsu	Rohde&Schwarz	
	16.70ps	5.01mm	5.01mm	
Capacitance	Agilent/Anritsu	Rohde&Schwarz		
	C0 (1E-15) F	4.500	fF	4.5000000
C1 (1E-27) F/Hz	395.000	fF/GHz	0.3950000	
C2 (1E-36) F/Hz ²	-20.000	fF/GHz ²	-0.0200000	
C3 (1E-45) F/Hz ³	0.400	fF/GHz ³	0.0004000	
Phase Error	DC-6GHz			
	≤1°			
	6-26.5GHz			
	≤2°			
26.5-40Ghz				
≤3°				
Return Loss	DC-18GHz			
	≤0.10dB			
	18-40GHz			
≤0.20dB				

SHORT				
Frequency Range	DC-40GHz			
Impedance	50Ω			
Offset length	Agilent	Anritsu	Rohde&Schwarz	
	16.70ps	5.01mm	5.01mm	
Inductance	Agilent/Anritsu	Rohde&Schwarz		
	L0 (1E-12) H	4.000	pH	4.0000000
L1 (1E-24) H/Hz	-650.000	pH/GHz	-0.6500000	
L2 (1E-33) H/Hz ²	39.000	pH/GHz ²	0.0390000	
L3 (1E-42) H/Hz ³	-0.640	pH/GHz ³	-0.0006400	
Phase Error	DC-6GHz			
	≤1°			
	6-26.5GHz			
	≤2°			
26.5-40Ghz				
≤3°				
Return Loss	DC-18GHz			
	≤0.10dB			
	18-40GHz			
≤0.20dB				

Load		
Frequency Range	DC-40GHz	
Impedance	50Ω	
DC Resistance	50 ± 0.25Ω	
Max Power	0.25W	
Return Loss	DC-6GHz	≥42dB
	6-40GHz	≥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 (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 load/open	PPO	

This part number complies with RoHS.

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

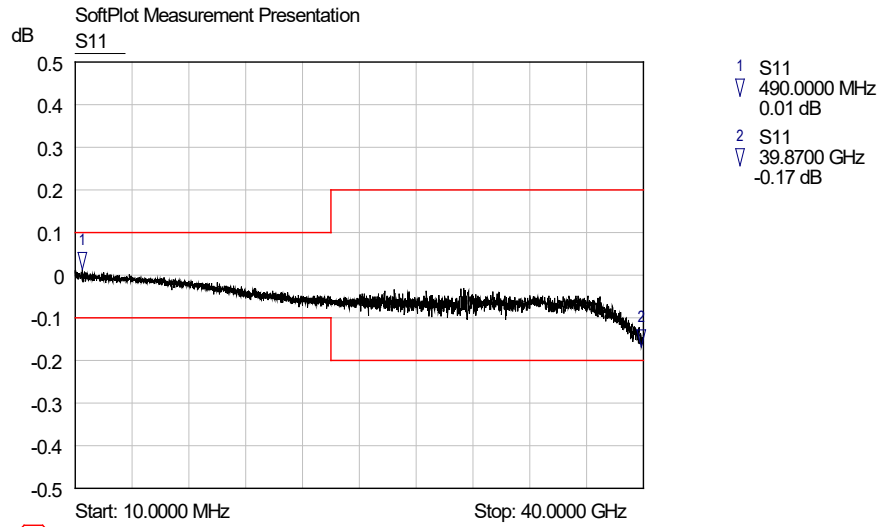
Test equipment

MS4647B NETWORK ANALYZER

Return Loss

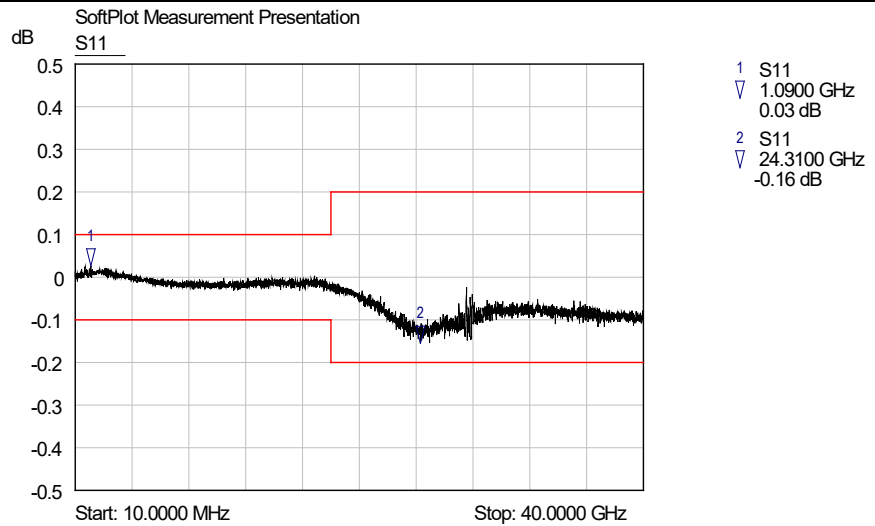
Test result

Open



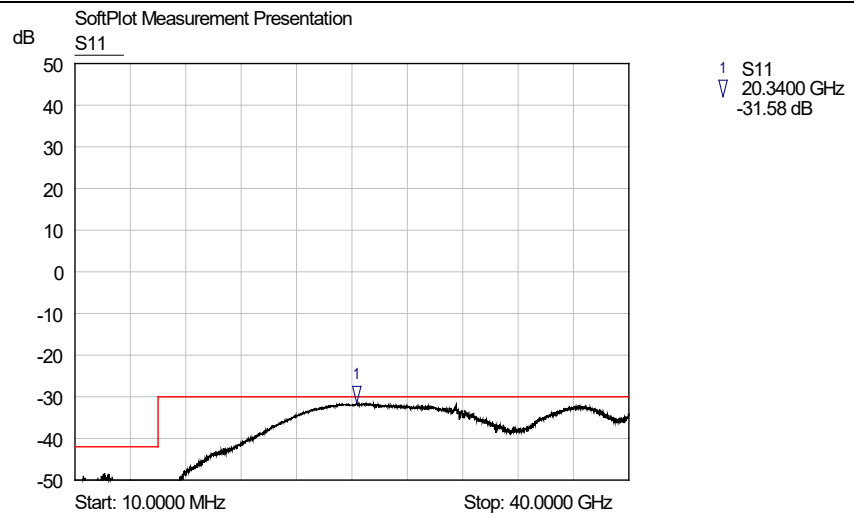
PASS

Short



PASS

Load



PASS

Test equipment

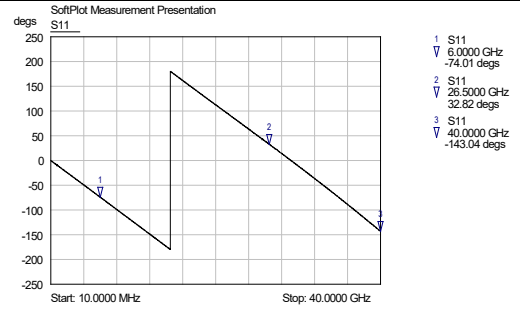
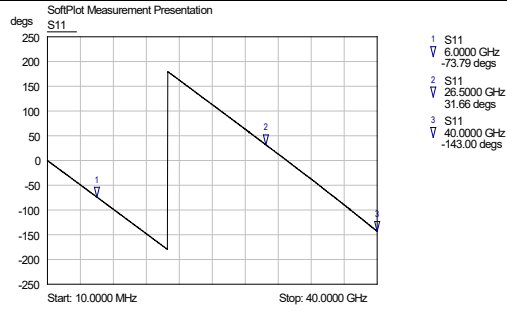
MS4647B NETWORK ANALYZER

Phase error

TOSLK50A-40

OSL-2.92-M-40G

Open



Short

