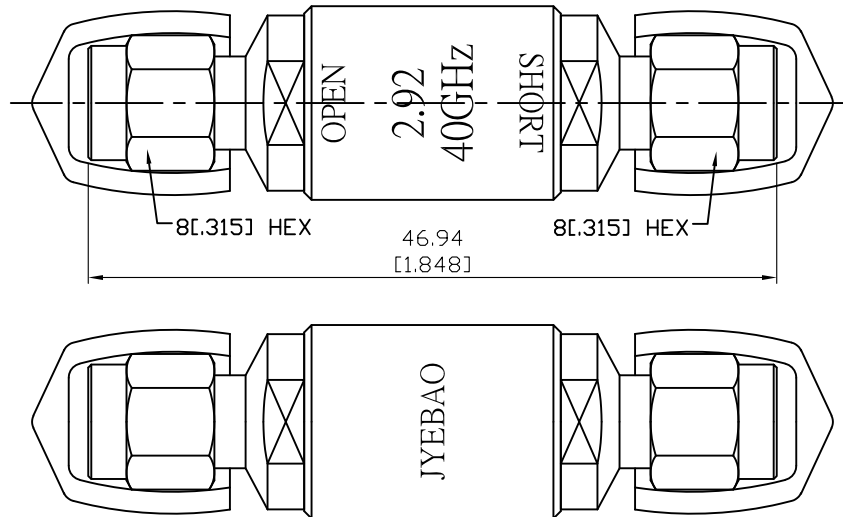


OS-2.92-M-40G

2.92mm Plug 50ohm Open Short 40GHz

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-40GHz			DC-40GHz				
Impedance	50Ω			50Ω				
Offset length	Agilent	Anritsu	Rohde&Schwarz	Rohde&Schwarz				
	16.70ps	5.01mm	5.01mm	16.70ps	5.01mm	5.01mm		
Capacitance	Agilent/Anritsu		Rohde&Schwarz		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 <sup>2</sup>	-20.000	fF/GHz <sup>2</sup>	-0.0200000				
C3	(1E-45) F/Hz <sup>3</sup>	0.400	fF/GHz <sup>3</sup>	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					
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 <sup>2</sup>	39.000	pH/GHz <sup>2</sup>	0.0390000				
L3	(1E-42) H/Hz <sup>3</sup>	-0.640	pH/GHz <sup>3</sup>	-0.0006400				
Return Loss			DC-18GHz				≤0.10dB	
18-40GHz			≤0.20dB					

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

This part number complies with RoHS.

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

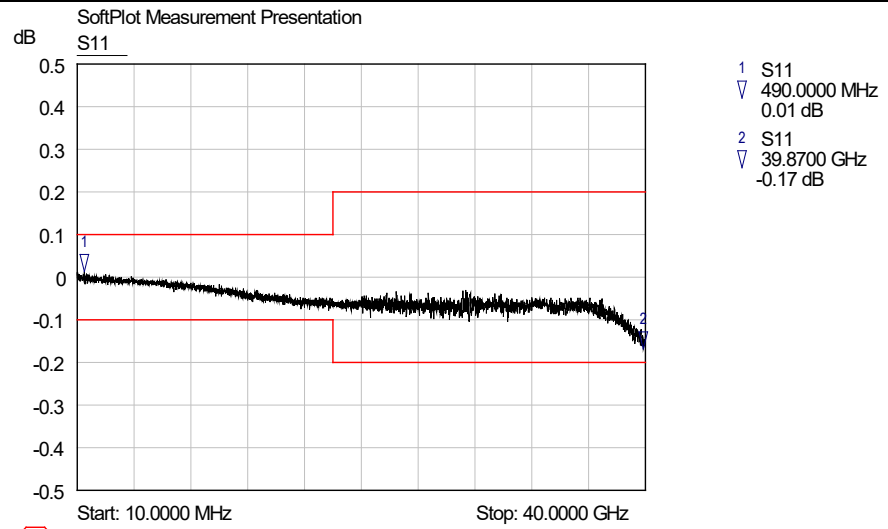
Test equipment

MS4647B NETWORK ANALYZER

Return Loss

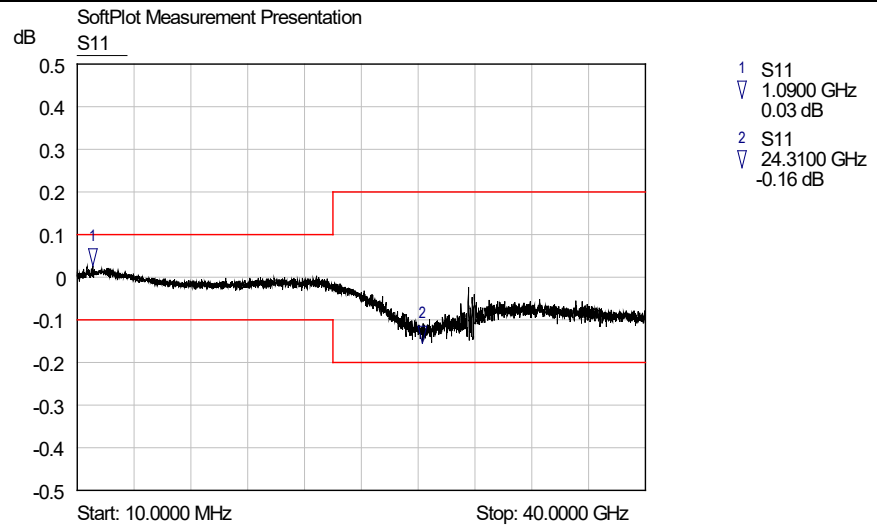
Test result

Open



PASS

Short



PASS

Test equipment

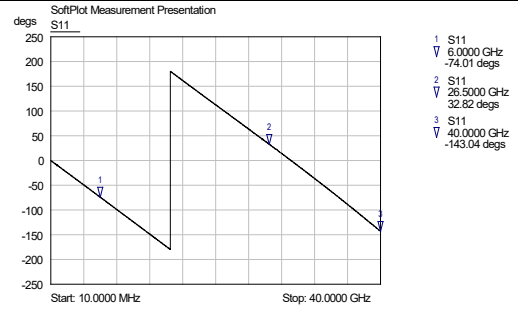
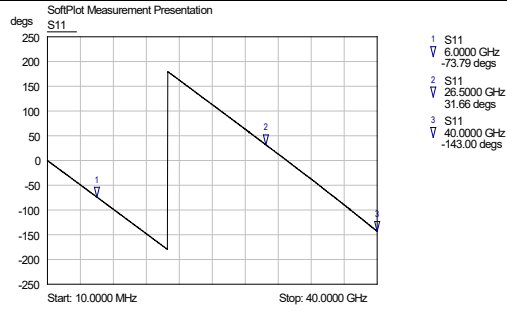
MS4647B NETWORK ANALYZER

Phase error

TOSLK50A-40

OS-2.92-M-40G

Open



Short

