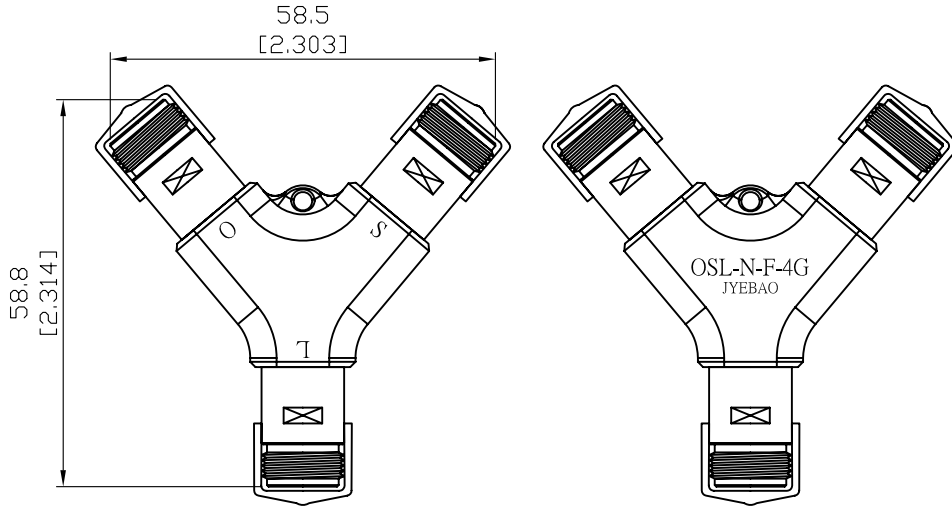


OSL-N-F-50-4G

N Jack 50ohm Open Short Load 4GHz

50Ω



OPEN					SHORT					
<b>Frequency Range</b>	DC-4GHz				<b>Frequency Range</b>	DC-4GHz				
<b>Impedance</b>	50Ω				<b>Impedance</b>	50Ω				
<b>Offset length</b>	Agilent	Anritsu	Rohde&Schwarz		<b>Offset length</b>	Agilent	Anritsu	Rohde&Schwarz		
	42.70ps	12.81mm	12.81mm			42.70ps	12.81mm	12.81mm		
<b>Capacitance</b>	Agilent/Anritsu		Rohde&Schwarz		<b>Inductance</b>	Agilent/Anritsu		Rohde&Schwarz		
	C0	(1E-15) F	-4.000	fF		-4.0000000	L0	(1E-12) H	0.000	pH
	C1	(1E-27) F/Hz	600.000	fF/GHz	0.6000000	L1	(1E-24) H/Hz	0.000	pH/GHz	0.0000000
	C2	(1E-36) F/Hz <sup>2</sup>	-10.000	fF/GHz <sup>2</sup>	-0.0100000	L2	(1E-33) H/Hz <sup>2</sup>	0.000	pH/GHz <sup>2</sup>	0.0000000
	C3	(1E-45) F/Hz <sup>3</sup>	0.450	fF/GHz <sup>3</sup>	0.0004500	L3	(1E-42) H/Hz <sup>3</sup>	0.000	pH/GHz <sup>3</sup>	0.0000000
<b>Phase Error</b>					<b>Phase Error</b>					
DC-4GHz	≤1.5°				DC-4GHz	≤1.5°				
<b>Return Loss</b>					<b>Return Loss</b>					
DC-4GHz	≤0.10dB				DC-4GHz	≤0.10dB				

Load	
Frequency Range	DC-4GHz
Impedance	50Ω
DC Resistance	50 ± 0.50Ω
Max Power	1W
Return Loss	DC-4GHz ≥45dB

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

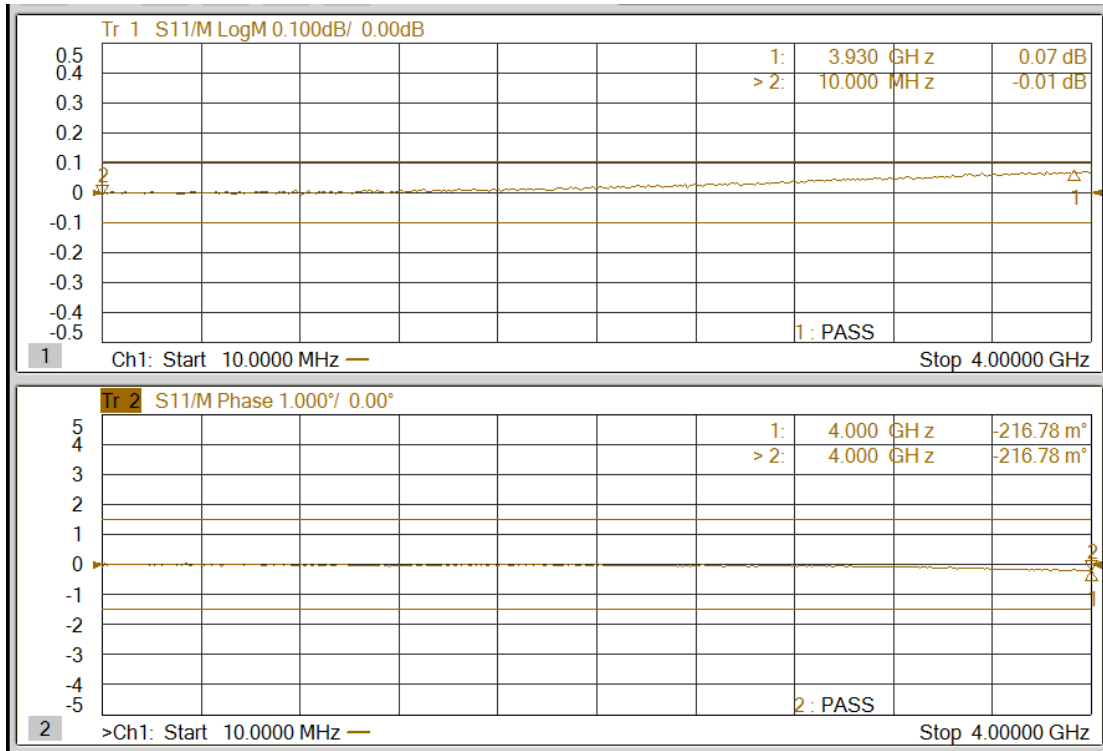
Parts	Material	Plating ( Micro-inch )
Housing	Aluminium	Anodized (Green)
Cap	PVC	
Body open/short/load	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact pin open/short/load	Beryllium Copper	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20
Dielectric open/ load	PPO	

This part number complies with RoHS.

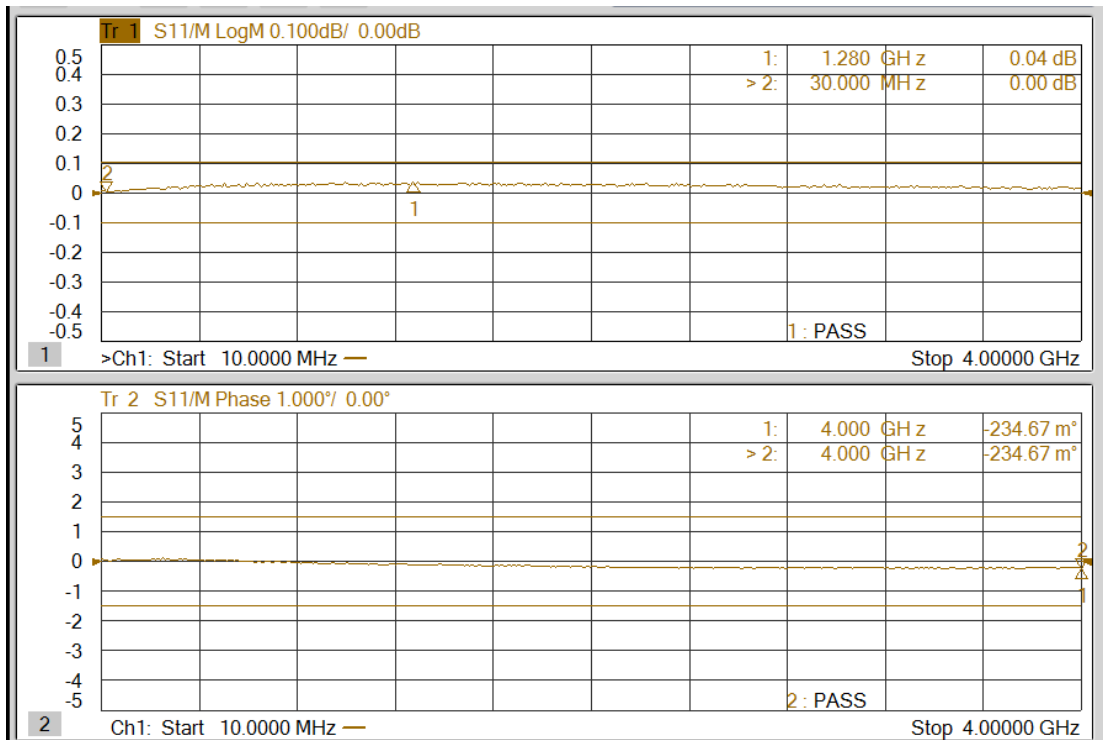
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

# OSL-N-F-50-4G

## OPEN return loss & phase error



## SHORT return loss & phase error



# LOAD return loss

