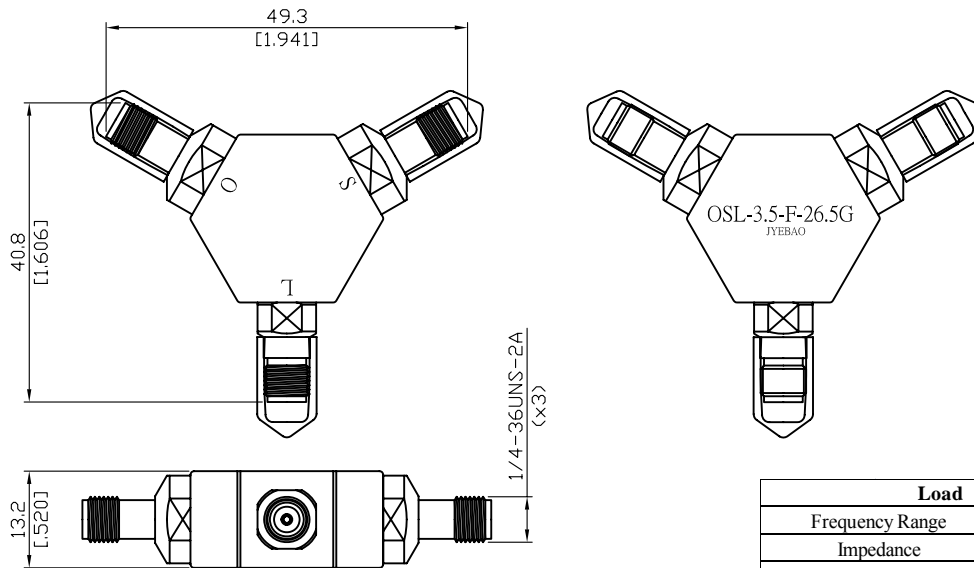


OSL-3.5-F-26.5G

3.5mm Jack 50ohm Open Short Load 26.5GHz

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)

Load		
Frequency Range	DC-26.5Ghz	
Impedance	50Ω	
DC Resistance	50 ± 0.50Ω	
Max Power	0.25W	
Return Loss	DC-2GHz	≥46dB
	2-3GHz	≥44 dB
	3-8GHz	≥38 dB
	8-20GHz	≥36 dB
	20-26.5GHz	≥34 dB

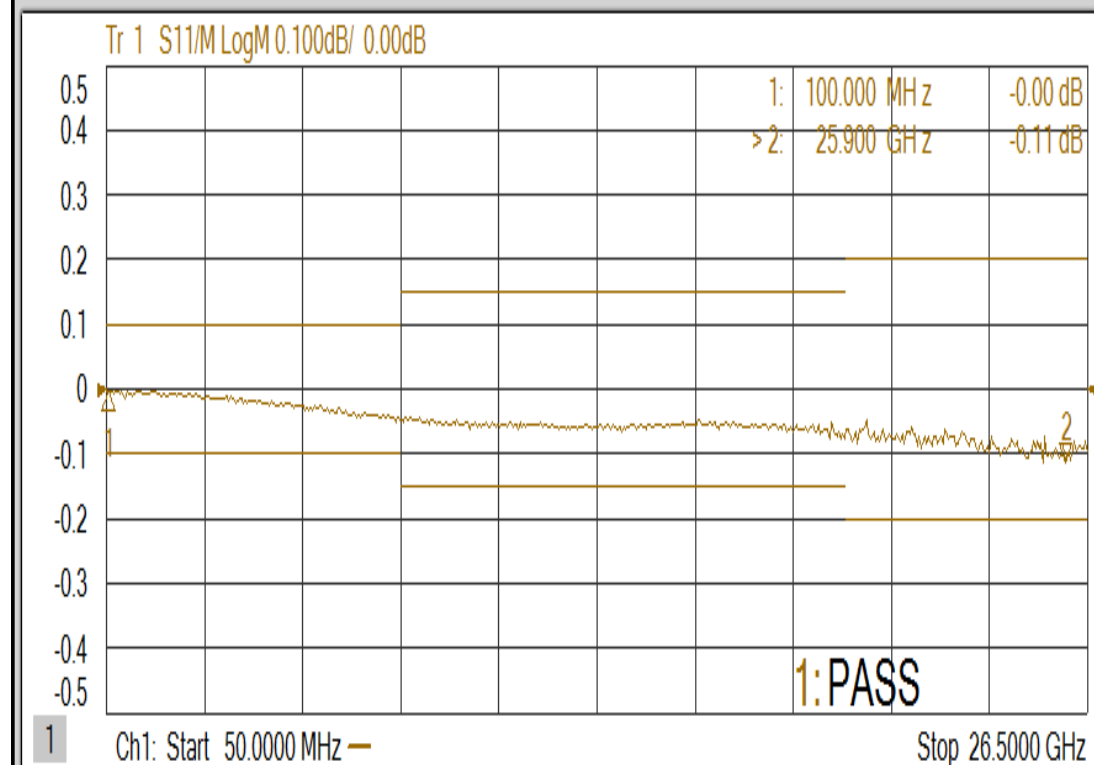
OPEN				SHORT			
Frequency Range	DC-26.5GHz			Frequency Range	DC-26.5GHz		
Impedance	50Ω			Impedance	50Ω		
Offset length	Agilent	Anritsu	Rohde&Schwarz	Offset length	Agilent	Anritsu	Rohde&Schwarz
		29.243ps	8.5mm		8.5mm		31.78499ps
Capacitance	Agilent/Anritsu		Rohde&Schwarz	Inductance	Agilent/Anritsu		Rohde&Schwarz
C0	(1E-15) F	49.43328	fF	L0	(1E-12) H	2.07650	pH
C1	(1E-27) F/Hz	-310.13104	fF/GHz	-0.3101310	(1E-24) H/Hz	-108.53999	pH/GHz
C2	(1E-36) F/Hz ²	23.16819	fF/GHz ²	0.0231682	(1E-33) H/Hz ²	2.17050	pH/GHz ²
C3	(1E-45) F/Hz ³	-0.15966	fF/GHz ³	-0.0001597	(1E-42) H/Hz ³	-0.01000	pH/GHz ³
Phase Error	DC-3GHz			Phase Error	DC-3GHz		
	≤0.65°				≤0.5°		
	3-8GHz				3-8GHz		
	≤1.2°				≤1°		
	8-26.5Ghz				8-26.5Ghz		
	≤2°				≤1.75°		
Return Loss	DC-8GHz			Return Loss	DC-8GHz		
	≤0.10dB				≤0.10dB		
	8-20GHz				8-20GHz		
	≤0.15dB				≤0.15dB		
	20-26.5GHz				20-26.5GHz		
	≤0.20dB				≤0.20dB		

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	PPO	
Dielectric open	PEI	

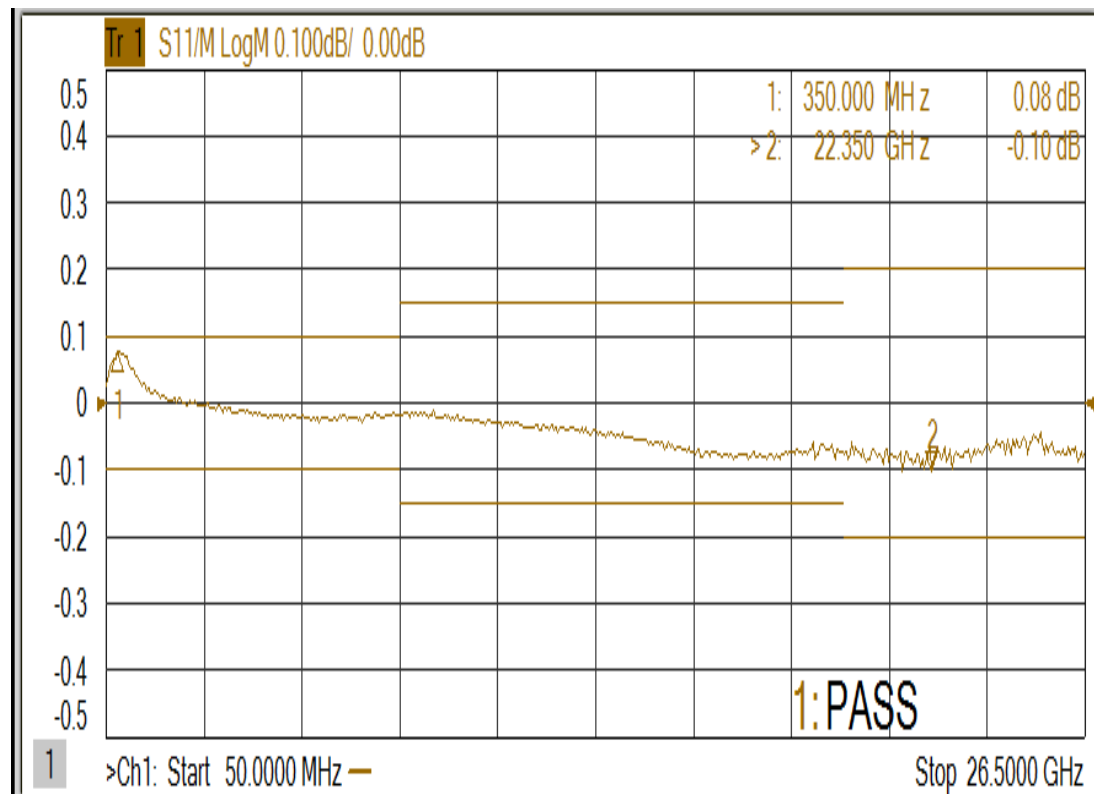
This part number complies with RoHS.

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

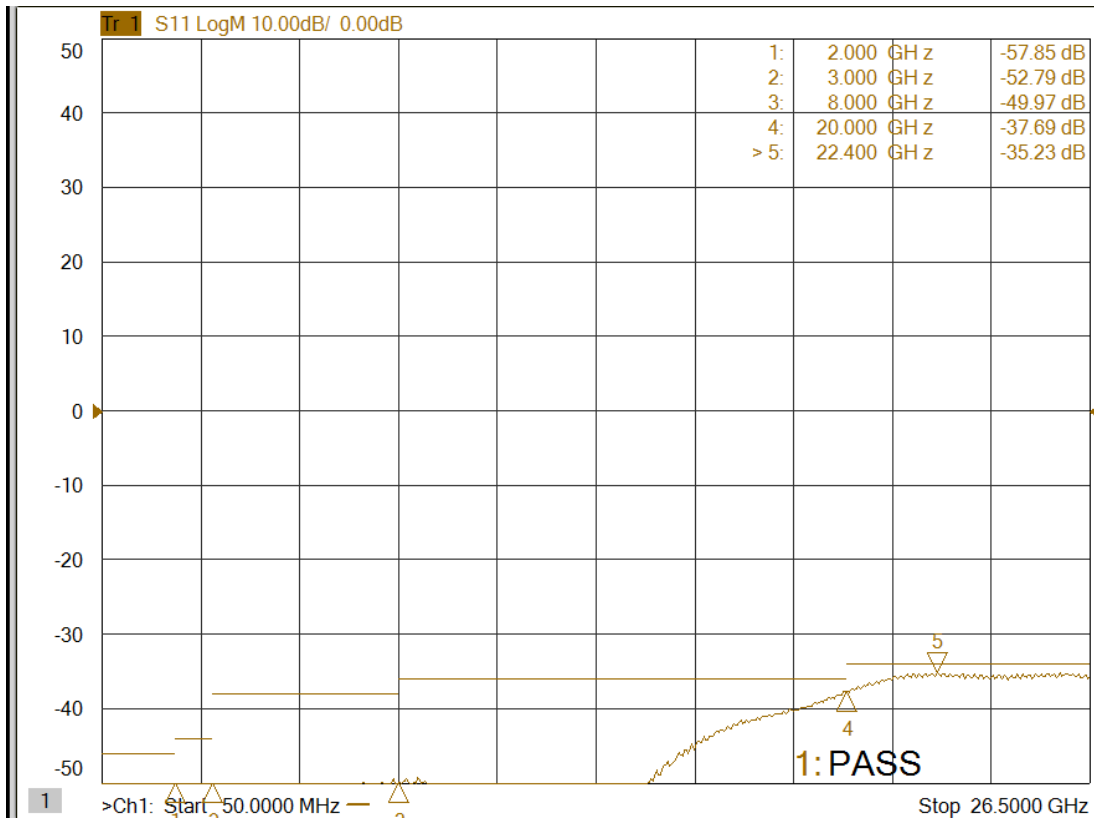
OPEN return loss



SHORT return loss



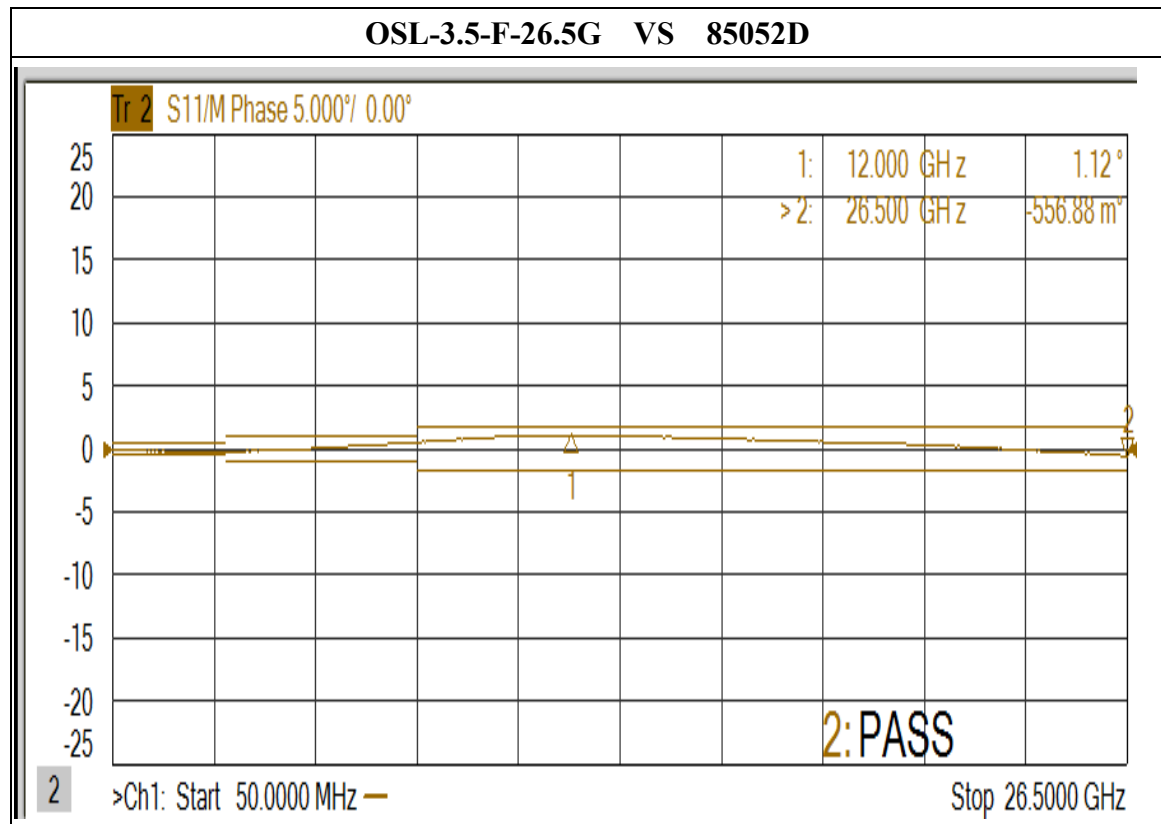
LOAD return loss



PHASE ERROR

1.3

OPEN



PHASE ERROR

1.4

SHORT

