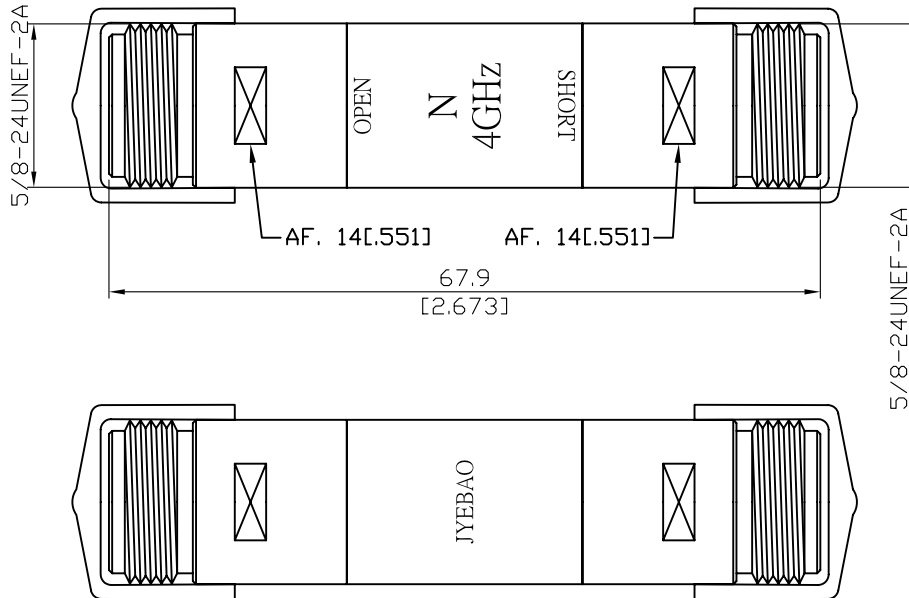


OS-N-F-50-4G	N Jack 50ohm Open Short 4GHz	50Ω
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**Notes:**

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

OPEN					SHORT				
Frequency Range	DC-4GHz				Frequency Range	DC-4GHz			
Impedance	50Ω				Impedance	50Ω			
Offset length	Agilent	Anritsu	Rohde&Schwarz		Offset length	Agilent	Anritsu	Rohde&Schwarz	
	42.70ps	12.81mm	12.81mm			42.70ps	12.81mm	12.81mm	
Capacitance	Agilent/Anritsu		Rohde&Schwarz		Inductance	Agilent/Anritsu		Rohde&Schwarz	
	C0	(1E-15) F	-4.000	fF		-4.0000000	L0	(1E-12) H	0.000
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
Phase Error					Phase Error				
DC-4GHz	≤1.5°				DC-4GHz	≤1.5°			
Return Loss					Return Loss				
DC-4GHz	≤0.10dB				DC-4GHz	≤0.10dB			

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

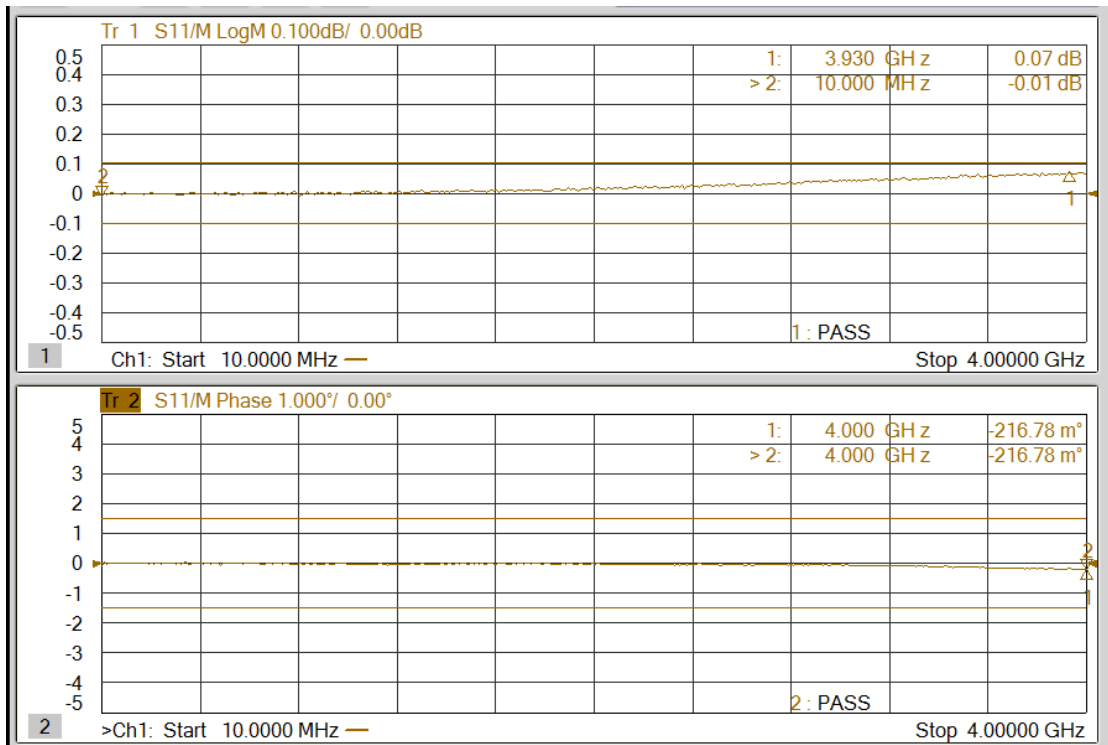
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This part number complies with RoHS.

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

# OS-N-F-50-4G

## OPEN return loss & phase error



## SHORT return loss & phase error

