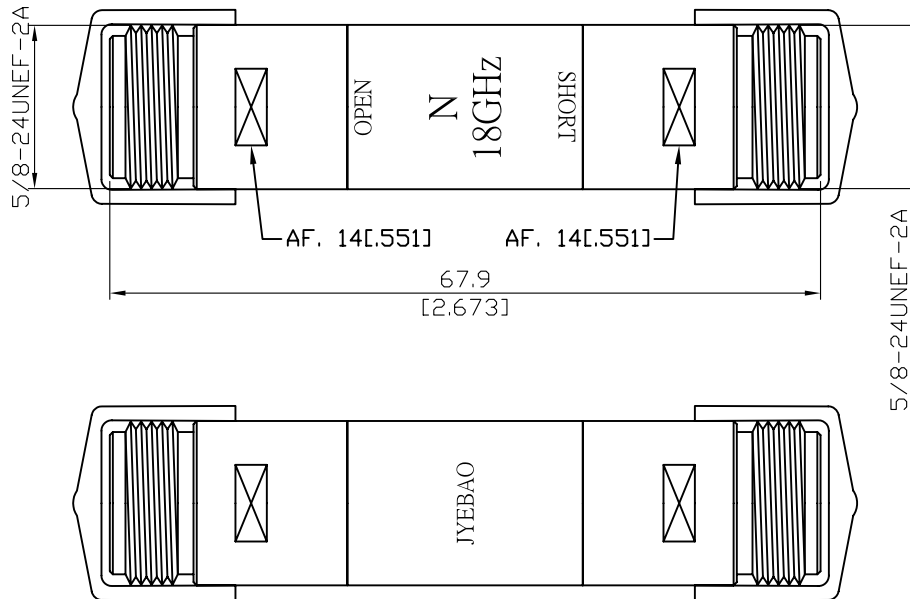


OS-N-F-50-18G

N Jack 50ohm Open Short 18GHz

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

OPEN				SHORT					
Frequency Range	DC-18GHz			Frequency Range	DC-18GHz				
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-6GHz		≤1.5°		DC-6GHz		≤1.5°			
6-18GHz		≤3°		6-18GHz		≤3°			
Return Loss				Return Loss					
DC-6GHz		≤0.10dB		DC-6GHz		≤0.10dB			
6-18GHz		≤0.20dB		6-18GHz		≤0.20dB			

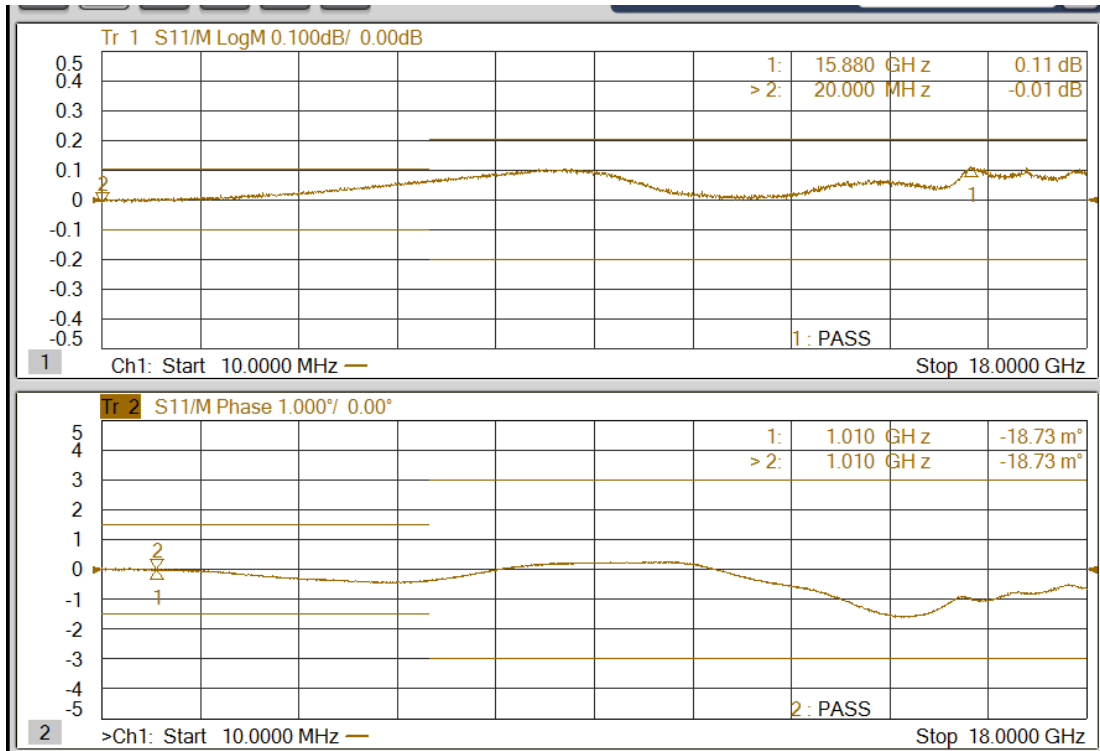
Parts	Material	Plating ( Micro-inch )
Housing	Aluminium	Anodized (Green)
Cap	PVC	
Body open/short	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact pin open/short	Beryllium Copper	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20
Dielectric open	PPO	

This part number complies with RoHS.

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

# OS-N-F-50-18G

## OPEN return loss & phase error



## SHORT return loss & phase error

