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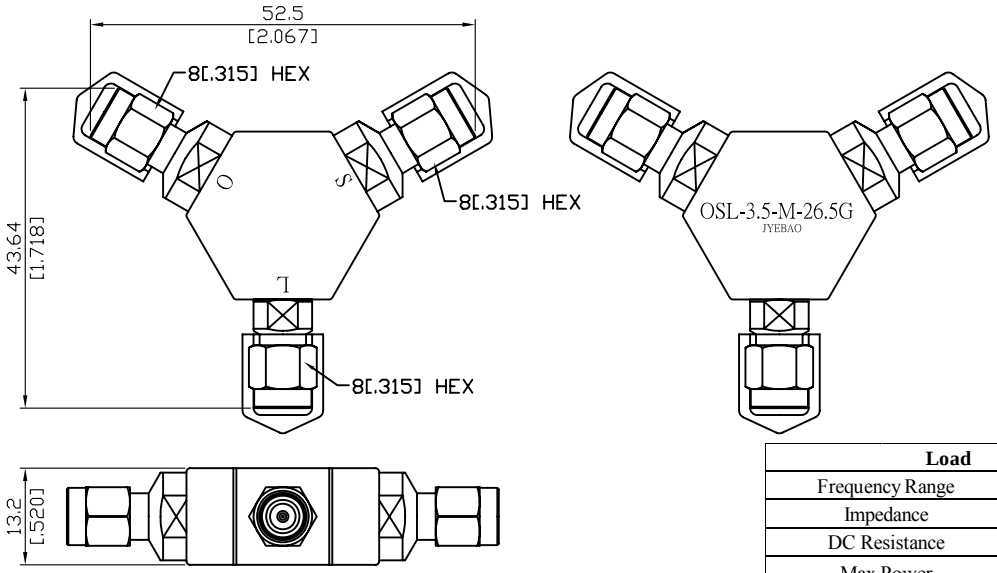
OSL-3.5-M-26.5G	3.5mm Plug 50ohm Open Short Load 26.5GHz	50Ω



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

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 connectors clean
4. Return loss test results shipped along with goods

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	9.5mm	9.5mm	
Capacitance	Agilent/Anritsu		Rohde&Schwarz		**Inductance**	Agilent/Anritsu		Rohde&Schwarz	
C0	(1E-15) F	49.43328	fF	49.4332800	L0	(1E-12) H	2.0765	pH	2.0765000
C1	(1E-27) F/Hz	-310.13104	fF/GHz	-0.3101310	L1	(1E-24) H/Hz	-108.53999	pH/GHz	-0.1085400
C2	(1E-36) F/Hz²	23.16819	fF/Ghz²	0.0231682	L2	(1E-33) H/Hz²	2.17050	pH/Ghz²	0.0021705
C3	(1E-45) F/Hz³	-0.15966	fF/Ghz³	-0.0001597	L3	(1E-42) H/Hz³	-0.01000	pH/Ghz³	-0.0000100
Phase Error					**Phase Error**				
DC-3GHz	≤0.65°				DC-3GHz	≤0.5°			
3-8GHz	≤1.2°				3-8GHz	≤1°			
8-26.5Ghz	≤2°				8-26.5Ghz	≤1.75°			
Return Loss					**Return Loss**				
DC-8GHz	≤0.10dB				DC-8GHz	≤0.10dB			
8-20GHz	≤0.15dB				8-20GHz	≤0.15dB			
20-26.5GHz	≤0.20dB				20-26.5GHz	≤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.