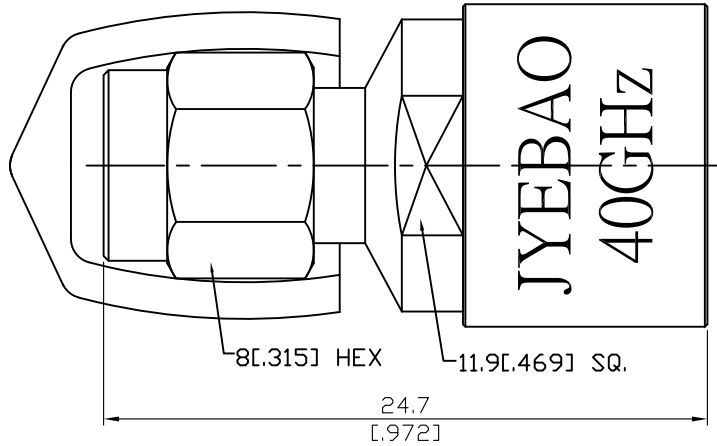


O-2.92-M-40G

2.92mm Plug 50ohm Open
40GHz 0.2dB

50Ω



OPEN					
Frequency Range	DC-40GHz				
Impedance	50Ω				
Offset length	Agilent	Anritsu	Rohde&Schwarz		
	16.70ps	5.01mm	5.01mm		
Capacitance	Agilent/Anritsu		Rohde&Schwarz		
	C0	(1E-15) F	4.500	fF	4.5000000
	C1	(1E-27) F/Hz	395.000	fF/GHz	0.3950000
	C2	(1E-36) F/Hz ²	-20.000	fF/GHz ²	-0.0200000
	C3	(1E-45) F/Hz ³	0.400	fF/GHz ³	0.0004000
Phase Error					
DC-6GHz	≤1°				
6-26.5GHz	≤2°				
26.5-40Ghz	≤3°				
Return Loss					
DC-18GHz	≤0.10dB				
18-40GHz	≤0.20dB				

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)
5. Use with Jyebao short S-2.92-M-40G

Parts	Material	Plating (Micro-inch)
Cover	Aluminium	Anodized(Green)
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	PPO	
Body	Stainless Steel	Passivated
Coupling Nut	Stainless Steel	Passivated
Cap	PVC	

This part number complies with RoHS.

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

Test equipment	MS4647B NETWORK ANALYZER
Return Loss	Test result
Open	<p>SoftPlot Measurement Presentation</p> <p>dB</p> <p>S11</p> <p>1 S11 ∇ 490.0000 MHz 0.01 dB</p> <p>2 S11 ∇ 39.8700 GHz -0.17 dB</p> <p>Start: 10.0000 MHz Stop: 40.0000 GHz</p> <p>PASS</p>

Test equipment	MS4647B NETWORK ANALYZER	
Phase error	TOSLK50A-40	O-2.92-M-40G
Open	<p>SoftPlot Measurement Presentation</p> <p>degs</p> <p>S11</p> <p>1 S11 ∇ 6.0000 GHz -73.79 degs</p> <p>2 S11 ∇ 26.5000 GHz 31.66 degs</p> <p>3 S11 ∇ 40.0000 GHz -143.00 degs</p> <p>Start: 10.0000 MHz Stop: 40.0000 GHz</p>	<p>SoftPlot Measurement Presentation</p> <p>degs</p> <p>S11</p> <p>1 S11 ∇ 6.0000 GHz -74.01 degs</p> <p>2 S11 ∇ 26.5000 GHz 32.82 degs</p> <p>3 S11 ∇ 40.0000 GHz -143.04 degs</p> <p>Start: 10.0000 MHz Stop: 40.0000 GHz</p>