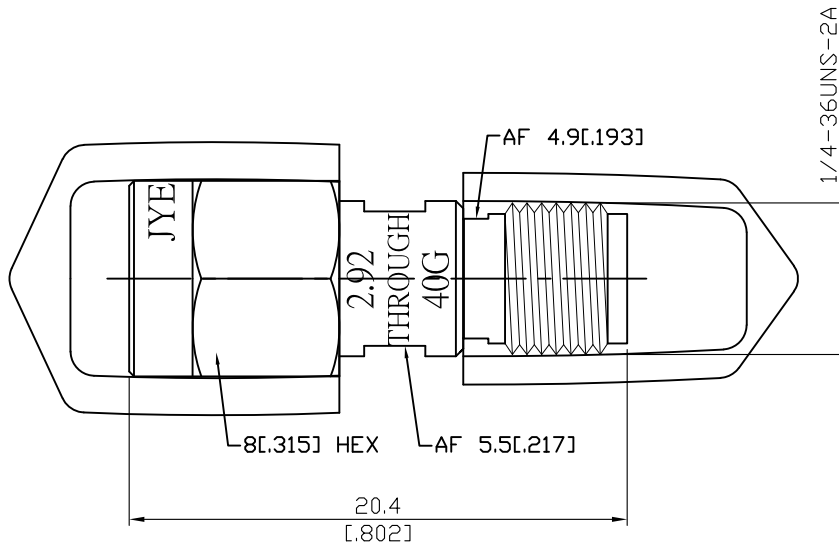


TH-2.92-MF-40G

2.92mm Plug to 2.92mm Jack Phase Matched Adaptor
40GHz 25dB

50Ω



THROUGH ADAPTOR		
FREQUENCY RANGE	DC-40GHz	
IMPEDANCE	50Ω	
INSERTION LOSS	≤ 0.2dB	
ELECTRICAL LENGTH (mm)	16.3±0.12	
RETURN LOSS	DC-6GHz	≥ 32dB
	6-26.5GHz	≥ 30dB
	26.5-40GHz	≥ 25dB

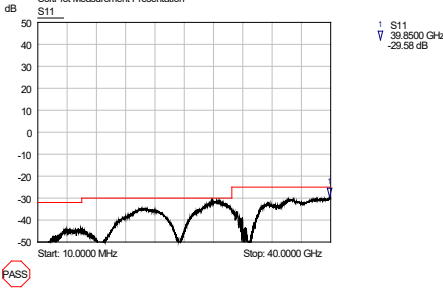
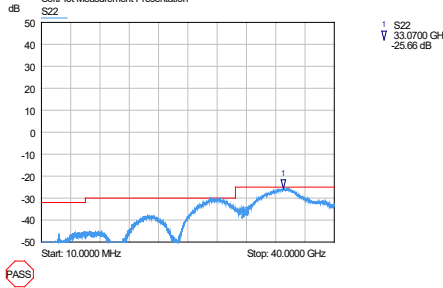
Notes:

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)

Parts	Material	Plating (Micro-inch)
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	
<p>TH-2.92-MF-40G</p> <p>Thru male to female</p>	<p>SoftPlot Measurement Presentation</p> <p>S11</p>  <p>Start: 10.0000 MHz Stop: 40.0000 GHz</p> <p>PASS</p> <p>S11 38.8500 GHz -29.58 dB</p>	<p>SoftPlot Measurement Presentation</p> <p>S22</p>  <p>Start: 10.0000 MHz Stop: 40.0000 GHz</p> <p>PASS</p> <p>S22 33.0700 GHz -25.66 dB</p>