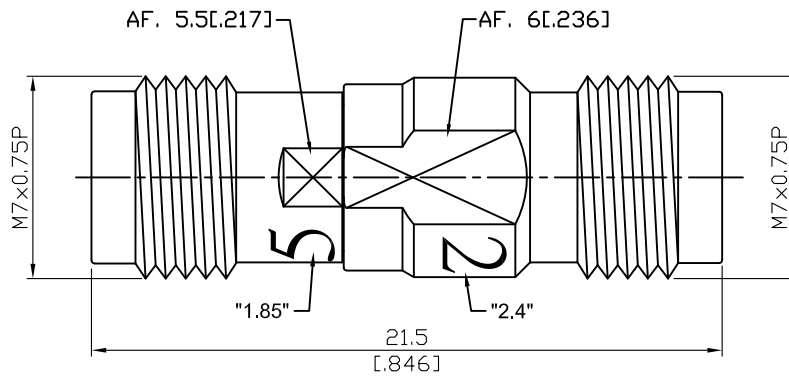


ADS-1.85/8-2.4/8-1.25	Stainless 1.85mm Jack To 2.4mm Jack 50GHz VSWR 1.25	50Ω
-----------------------	--	-----



Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	PEI	
Body	Stainless Steel	Passivated

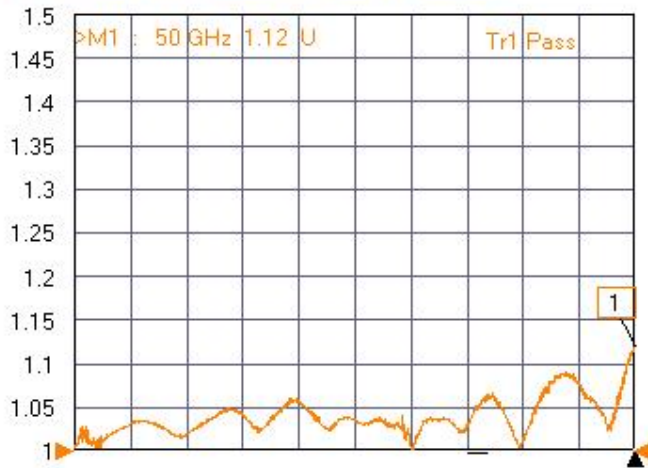
--	--

This part number complies with RoHS.
 Notice: JYEBAO reserves the right to make modifications deemed appropriate.

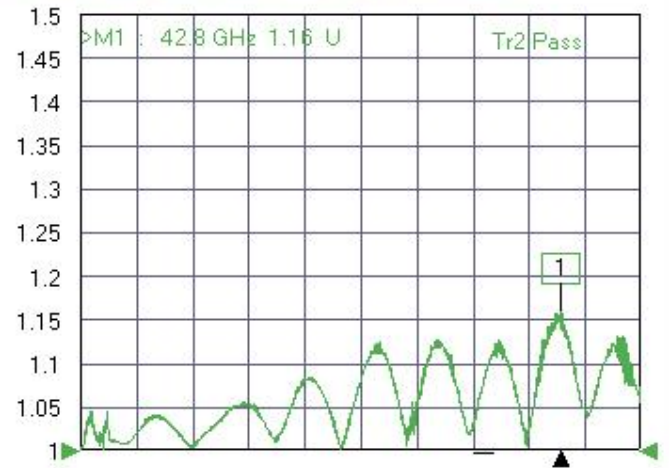
ADS-1.85/8-2.4/8-1.25	Stainless 1.85mm Jack To 2.4mm Jack 50GHz VSWR 1.25																												
<table border="1"> <tr> <td data-bbox="113 322 531 394">Interface</td> <td colspan="2"></td> </tr> <tr> <td data-bbox="113 394 531 479">Standard</td> <td data-bbox="531 394 1123 427">1.85</td> <td data-bbox="1123 394 1479 427">2.4</td> </tr> <tr> <td data-bbox="113 479 531 584">Mechanically compatible with</td> <td data-bbox="531 479 1123 528">IEEE287; IEC61169-32</td> <td data-bbox="1123 479 1479 528">MIL-STD-348B</td> </tr> <tr> <td></td> <td data-bbox="531 528 1123 584">2.4</td> <td data-bbox="1123 528 1479 584">1.85</td> </tr> </table>			Interface			Standard	1.85	2.4	Mechanically compatible with	IEEE287; IEC61169-32	MIL-STD-348B		2.4	1.85															
Interface																													
Standard	1.85	2.4																											
Mechanically compatible with	IEEE287; IEC61169-32	MIL-STD-348B																											
	2.4	1.85																											
<table border="1"> <tr> <td data-bbox="113 584 531 656">Electrical Data</td> <td colspan="2"></td> </tr> <tr> <td data-bbox="113 656 531 701">Impedance</td> <td colspan="2" data-bbox="531 656 1479 701">50Ω</td> </tr> <tr> <td data-bbox="113 701 531 745">Frequency Range</td> <td colspan="2" data-bbox="531 701 1479 745">DC to 50GHz</td> </tr> <tr> <td data-bbox="113 745 531 790">VSWR</td> <td colspan="2" data-bbox="531 745 1479 790">≤ 1.25 (DC to 50GHz)</td> </tr> <tr> <td data-bbox="113 790 531 835">Insertion Loss</td> <td colspan="2" data-bbox="531 790 1479 835">≤ 0.05 x √f(GHz) dB</td> </tr> <tr> <td data-bbox="113 835 531 880">Insulation Resistance</td> <td colspan="2" data-bbox="531 835 1479 880">≥ 5000MΩ</td> </tr> <tr> <td data-bbox="113 880 531 925">Dielectric Withstanding Voltage (at sea level)</td> <td colspan="2" data-bbox="531 880 1479 925">500 V rms</td> </tr> <tr> <td data-bbox="113 925 531 969">Working Voltage (at sea level)</td> <td colspan="2" data-bbox="531 925 1479 969">150 V rms</td> </tr> <tr> <td data-bbox="113 969 531 1014">RF Leakage</td> <td colspan="2" data-bbox="531 969 1479 1014">≥ 100dB to 1GHz</td> </tr> </table>			Electrical Data			Impedance	50Ω		Frequency Range	DC to 50GHz		VSWR	≤ 1.25 (DC to 50GHz)		Insertion Loss	≤ 0.05 x √f(GHz) dB		Insulation Resistance	≥ 5000MΩ		Dielectric Withstanding Voltage (at sea level)	500 V rms		Working Voltage (at sea level)	150 V rms		RF Leakage	≥ 100dB to 1GHz	
Electrical Data																													
Impedance	50Ω																												
Frequency Range	DC to 50GHz																												
VSWR	≤ 1.25 (DC to 50GHz)																												
Insertion Loss	≤ 0.05 x √f(GHz) dB																												
Insulation Resistance	≥ 5000MΩ																												
Dielectric Withstanding Voltage (at sea level)	500 V rms																												
Working Voltage (at sea level)	150 V rms																												
RF Leakage	≥ 100dB to 1GHz																												
<table border="1"> <tr> <td data-bbox="113 1133 531 1205">Mechanical Data</td> <td colspan="2"></td> </tr> <tr> <td data-bbox="113 1205 531 1249">Recommended Coupling Nut Torque</td> <td colspan="2" data-bbox="531 1205 1479 1249">7.08 to 9.74 inch lbs</td> </tr> <tr> <td data-bbox="113 1249 531 1294">Coupling Proof Torque</td> <td colspan="2" data-bbox="531 1249 1479 1294">15 in-lbs</td> </tr> <tr> <td data-bbox="113 1294 531 1339">Contact Captivation-axial</td> <td colspan="2" data-bbox="531 1294 1479 1339">≥ 4.5 lbs</td> </tr> <tr> <td data-bbox="113 1339 531 1384">Durability (mating)</td> <td colspan="2" data-bbox="531 1339 1479 1384">≥ 500</td> </tr> </table>			Mechanical Data			Recommended Coupling Nut Torque	7.08 to 9.74 inch lbs		Coupling Proof Torque	15 in-lbs		Contact Captivation-axial	≥ 4.5 lbs		Durability (mating)	≥ 500													
Mechanical Data																													
Recommended Coupling Nut Torque	7.08 to 9.74 inch lbs																												
Coupling Proof Torque	15 in-lbs																												
Contact Captivation-axial	≥ 4.5 lbs																												
Durability (mating)	≥ 500																												
<table border="1"> <tr> <td data-bbox="113 1485 531 1556">Environmental Data</td> <td colspan="2"></td> </tr> <tr> <td data-bbox="113 1556 531 1601">Temperature Range</td> <td colspan="2" data-bbox="531 1556 1479 1601">-40°C to +165°C</td> </tr> <tr> <td data-bbox="113 1601 531 1646">Thermal Shock</td> <td colspan="2" data-bbox="531 1601 1479 1646">MIL-STD-202, Method 107, Condition B</td> </tr> <tr> <td data-bbox="113 1646 531 1691">Moisture Resistance</td> <td colspan="2" data-bbox="531 1646 1479 1691">MIL-STD-202, Method 206</td> </tr> <tr> <td data-bbox="113 1691 531 1736">Corrosion</td> <td colspan="2" data-bbox="531 1691 1479 1736">MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td data-bbox="113 1736 531 1780">RoHS</td> <td colspan="2" data-bbox="531 1736 1479 1780">Compliant</td> </tr> </table>			Environmental Data			Temperature Range	-40°C to +165°C		Thermal Shock	MIL-STD-202, Method 107, Condition B		Moisture Resistance	MIL-STD-202, Method 206		Corrosion	MIL-STD-202, Method 101, Condition B		RoHS	Compliant										
Environmental Data																													
Temperature Range	-40°C to +165°C																												
Thermal Shock	MIL-STD-202, Method 107, Condition B																												
Moisture Resistance	MIL-STD-202, Method 206																												
Corrosion	MIL-STD-202, Method 101, Condition B																												
RoHS	Compliant																												

ADS-1.85/8-2.4/8-1.25

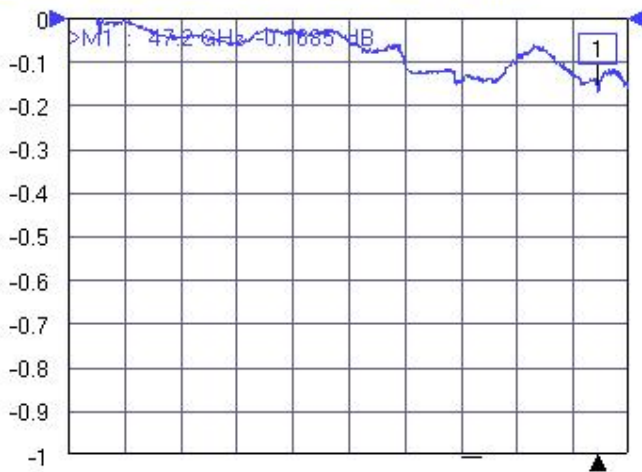
Tr1 S11 Refl SWR RefLvl: 1 U Res: 50 mU/Div



Tr2 S22 Refl SWR RefLvl: 1 U Res: 50 mU/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 0.1 dB/Div



Tr4 S12 Trans LogM RefLvl: 0 dB Res: 0.1 dB/Div

