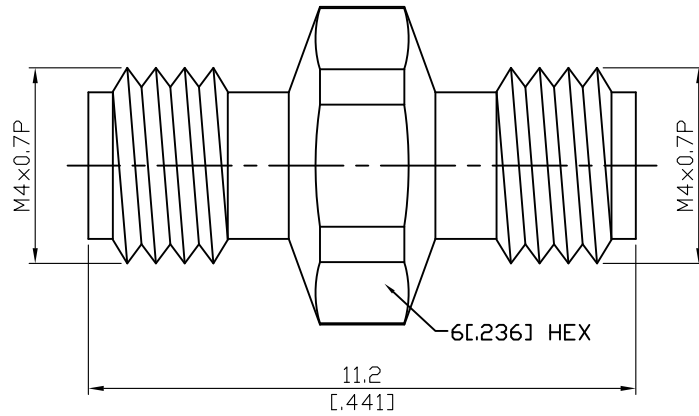


ADS-1.0/8-1.0/8-1.4

1.0mm Jack To 1.0mm Jack
110GHz VSWR 1.4

50Ω



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

This part number complies with RoHS.

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

ADS-1.0/8-1.0/8-1.4	1.0mm Jack To 1.0mm Jack 110GHz VSWR 1.4																		
<table border="0"> <tr> <td data-bbox="132 342 531 394">Interface</td> <td></td> </tr> <tr> <td data-bbox="132 394 531 488">Standard</td> <td data-bbox="794 394 1482 488">IEC61169-31</td> </tr> </table>		Interface		Standard	IEC61169-31														
Interface																			
Standard	IEC61169-31																		
<table border="0"> <tr> <td data-bbox="132 510 531 562">Electrical Data</td> <td></td> </tr> <tr> <td data-bbox="132 562 531 607">Impedance</td> <td data-bbox="794 562 1482 607">50Ω</td> </tr> <tr> <td data-bbox="132 607 531 651">Frequency Range</td> <td data-bbox="794 607 1482 651">DC to 110GHz</td> </tr> <tr> <td data-bbox="132 651 531 696">VSWR</td> <td data-bbox="794 651 1482 696">≤1.4</td> </tr> <tr> <td data-bbox="132 696 531 741">Insertion loss</td> <td data-bbox="794 696 1482 741">≤0.05 x √f(GHz) dB</td> </tr> <tr> <td data-bbox="132 741 531 786">Insulation Resistance</td> <td data-bbox="794 741 1482 786">≥5000MΩ</td> </tr> <tr> <td data-bbox="132 786 531 831">Dielectric Withstanding Voltage (at sea level)</td> <td data-bbox="794 786 1482 831">500 V rms, 50Hz</td> </tr> <tr> <td data-bbox="132 831 531 875">Working Voltage (at sea level)</td> <td data-bbox="794 831 1482 875">150 V rms, 50Hz</td> </tr> <tr> <td data-bbox="132 875 531 920">RF Leakage</td> <td data-bbox="794 875 1482 920">≥90dB to 1GHz</td> </tr> </table>		Electrical Data		Impedance	50Ω	Frequency Range	DC to 110GHz	VSWR	≤1.4	Insertion loss	≤0.05 x √f(GHz) dB	Insulation Resistance	≥5000MΩ	Dielectric Withstanding Voltage (at sea level)	500 V rms, 50Hz	Working Voltage (at sea level)	150 V rms, 50Hz	RF Leakage	≥90dB to 1GHz
Electrical Data																			
Impedance	50Ω																		
Frequency Range	DC to 110GHz																		
VSWR	≤1.4																		
Insertion loss	≤0.05 x √f(GHz) dB																		
Insulation Resistance	≥5000MΩ																		
Dielectric Withstanding Voltage (at sea level)	500 V rms, 50Hz																		
Working Voltage (at sea level)	150 V rms, 50Hz																		
RF Leakage	≥90dB to 1GHz																		
<table border="0"> <tr> <td data-bbox="132 1003 531 1055">Mechanical Data</td> <td></td> </tr> <tr> <td data-bbox="132 1055 531 1099">Recommended coupling nut torque</td> <td data-bbox="794 1055 1482 1099">2.65 to 3.63 inch lbs</td> </tr> <tr> <td data-bbox="132 1099 531 1144">Coupling proof torque</td> <td data-bbox="794 1099 1482 1144">6.2 inch lbs</td> </tr> <tr> <td data-bbox="132 1144 531 1189">Contact Captivation-axial</td> <td data-bbox="794 1144 1482 1189">≥2.25 lbs</td> </tr> <tr> <td data-bbox="132 1189 531 1234">Durability (mating)</td> <td data-bbox="794 1189 1482 1234">≥500</td> </tr> </table>		Mechanical Data		Recommended coupling nut torque	2.65 to 3.63 inch lbs	Coupling proof torque	6.2 inch lbs	Contact Captivation-axial	≥2.25 lbs	Durability (mating)	≥500								
Mechanical Data																			
Recommended coupling nut torque	2.65 to 3.63 inch lbs																		
Coupling proof torque	6.2 inch lbs																		
Contact Captivation-axial	≥2.25 lbs																		
Durability (mating)	≥500																		
<table border="0"> <tr> <td data-bbox="132 1361 531 1413">Environmental Data</td> <td></td> </tr> <tr> <td data-bbox="132 1413 531 1458">Temperature Range</td> <td data-bbox="794 1413 1482 1458">-55°C to +105°C</td> </tr> <tr> <td data-bbox="132 1458 531 1503">Thermal shock</td> <td data-bbox="794 1458 1482 1503">MIL-STD-202, Method 107, Condition B</td> </tr> <tr> <td data-bbox="132 1503 531 1547">Moisture resistance</td> <td data-bbox="794 1503 1482 1547">MIL-STD-202, Method 106</td> </tr> <tr> <td data-bbox="132 1547 531 1592">Corrosion</td> <td data-bbox="794 1547 1482 1592">MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td data-bbox="132 1592 531 1637">RoHS</td> <td data-bbox="794 1592 1482 1637">Compliant</td> </tr> </table>		Environmental Data		Temperature Range	-55°C to +105°C	Thermal shock	MIL-STD-202, Method 107, Condition B	Moisture resistance	MIL-STD-202, Method 106	Corrosion	MIL-STD-202, Method 101, Condition B	RoHS	Compliant						
Environmental Data																			
Temperature Range	-55°C to +105°C																		
Thermal shock	MIL-STD-202, Method 107, Condition B																		
Moisture resistance	MIL-STD-202, Method 106																		
Corrosion	MIL-STD-202, Method 101, Condition B																		
RoHS	Compliant																		

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

ADS-1.0/8-1.0/8-1.4

