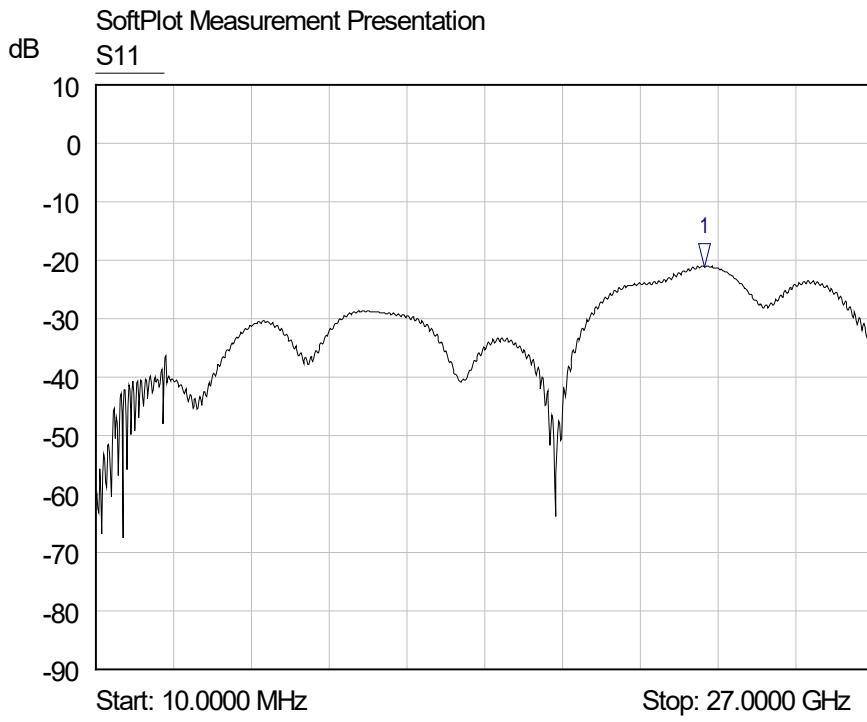


| ADS-A3A8-27-1.2 | SMA Plug To SMA Jack 27GHz VSWR 1.2 | 50Ω | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|-------|----------|----------------------|-------------|------------------|--|--------|----------|--|-------------|------------------|--|-----------|--------|--|------|-----------|------------|--------------|-----------|------------|
| | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Parts</th> <th style="width: 20%;">Material</th> <th style="width: 60%;">Plating (Micro-inch)</th> </tr> </thead> <tbody> <tr> <td>Renber Ring</td> <td>Beryllium Copper</td> <td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td> </tr> <tr> <td>Gasket</td> <td>Silicone</td> <td></td> </tr> <tr> <td>Contact Pin</td> <td>Beryllium Copper</td> <td>Gold 4 over nickel phosphorous alloy 80 over copper 20</td> </tr> <tr> <td>Insulator</td> <td>Teflon</td> <td></td> </tr> <tr> <td>Body</td> <td>Stainless</td> <td>Passivated</td> </tr> <tr> <td>Coupling Nut</td> <td>Stainless</td> <td>Passivated</td> </tr> </tbody> </table> | | | Parts | Material | Plating (Micro-inch) | Renber Ring | Beryllium Copper | Tin-Zinc-Copper-Alloy 100 Over Copper 50 | Gasket | Silicone | | Contact Pin | Beryllium Copper | Gold 4 over nickel phosphorous alloy 80 over copper 20 | Insulator | Teflon | | Body | Stainless | Passivated | Coupling Nut | Stainless | Passivated |
| Parts | Material | Plating (Micro-inch) | | | | | | | | | | | | | | | | | | | | | |
| Renber Ring | Beryllium Copper | Tin-Zinc-Copper-Alloy 100 Over Copper 50 | | | | | | | | | | | | | | | | | | | | | |
| Gasket | Silicone | | | | | | | | | | | | | | | | | | | | | | |
| Contact Pin | Beryllium Copper | Gold 4 over nickel phosphorous alloy 80 over copper 20 | | | | | | | | | | | | | | | | | | | | | |
| Insulator | Teflon | | | | | | | | | | | | | | | | | | | | | | |
| Body | Stainless | Passivated | | | | | | | | | | | | | | | | | | | | | |
| Coupling Nut | Stainless | Passivated | | | | | | | | | | | | | | | | | | | | | |
| Weight: 3.24 g | | | | | | | | | | | | | | | | | | | | | | | |

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

| | | | | | | | | | | | | | | | | | |
|---|--|---------------------------|--|---------------------------------|-----------------|------------------------------|--------------------------------------|------------------------------|-------------------------|---------------------------|--------------------------------------|-----------------------|-----------|--|------------|--------------------------------|-----------|
| ADS-A3A8-27-1.2 | SMA Plug To SMA Jack 27GHz VSWR 1.2 | | | | | | | | | | | | | | | | |
| <table border="0" style="width: 100%;"> <tr> <td colspan="2" data-bbox="129 342 531 394">Interface</td> </tr> <tr> <td data-bbox="129 405 774 439">Standard</td> <td data-bbox="774 405 1481 439">MIL-STD-348B</td> </tr> <tr> <td data-bbox="129 450 774 483">Mechanically compatible with</td> <td data-bbox="774 450 1481 483">2.92 & 3.5</td> </tr> </table> | | Interface | | Standard | MIL-STD-348B | Mechanically compatible with | 2.92 & 3.5 | | | | | | | | | | |
| Interface | | | | | | | | | | | | | | | | | |
| Standard | MIL-STD-348B | | | | | | | | | | | | | | | | |
| Mechanically compatible with | 2.92 & 3.5 | | | | | | | | | | | | | | | | |
| <table border="0" style="width: 100%;"> <tr> <td colspan="2" data-bbox="129 604 531 656">Electrical Data</td> </tr> <tr> <td data-bbox="129 667 774 701">Impedance</td> <td data-bbox="774 667 1481 701">50Ω</td> </tr> <tr> <td data-bbox="129 712 774 745">Frequency Range</td> <td data-bbox="774 712 1481 745">DC To 27GHz</td> </tr> <tr> <td data-bbox="129 757 774 790">VSWR</td> <td data-bbox="774 757 1481 790">≤ 1.2 (DC To 27GHz)</td> </tr> <tr> <td data-bbox="129 801 774 835">Insertion Loss</td> <td data-bbox="774 801 1481 835">≤ 0.04 x √f(GHz) dB</td> </tr> <tr> <td data-bbox="129 846 774 880">Insulation Resistance</td> <td data-bbox="774 846 1481 880">≥ 5000MΩ</td> </tr> <tr> <td data-bbox="129 891 774 925">Dielectric Withstanding Voltage (at sea level)</td> <td data-bbox="774 891 1481 925">1500 V rms</td> </tr> <tr> <td data-bbox="129 936 774 969">Working Voltage (at sea level)</td> <td data-bbox="774 936 1481 969">500 V rms</td> </tr> </table> | | Electrical Data | | Impedance | 50Ω | Frequency Range | DC To 27GHz | VSWR | ≤ 1.2 (DC To 27GHz) | Insertion Loss | ≤ 0.04 x √f(GHz) dB | Insulation Resistance | ≥ 5000MΩ | Dielectric Withstanding Voltage (at sea level) | 1500 V rms | Working Voltage (at sea level) | 500 V rms |
| Electrical Data | | | | | | | | | | | | | | | | | |
| Impedance | 50Ω | | | | | | | | | | | | | | | | |
| Frequency Range | DC To 27GHz | | | | | | | | | | | | | | | | |
| VSWR | ≤ 1.2 (DC To 27GHz) | | | | | | | | | | | | | | | | |
| Insertion Loss | ≤ 0.04 x √f(GHz) dB | | | | | | | | | | | | | | | | |
| Insulation Resistance | ≥ 5000MΩ | | | | | | | | | | | | | | | | |
| Dielectric Withstanding Voltage (at sea level) | 1500 V rms | | | | | | | | | | | | | | | | |
| Working Voltage (at sea level) | 500 V rms | | | | | | | | | | | | | | | | |
| <table border="0" style="width: 100%;"> <tr> <td colspan="2" data-bbox="129 1102 531 1153">Mechanical Data</td> </tr> <tr> <td data-bbox="129 1164 774 1198">Recommended Coupling Nut Torque</td> <td data-bbox="774 1164 1481 1198">7 to 9.5 in-lbs</td> </tr> <tr> <td data-bbox="129 1209 774 1243">Coupling Proof Torque</td> <td data-bbox="774 1209 1481 1243">15 in-lbs</td> </tr> <tr> <td data-bbox="129 1254 774 1288">Coupling Nut Retention Force</td> <td data-bbox="774 1254 1481 1288">≥ 60.7 lbs</td> </tr> <tr> <td data-bbox="129 1299 774 1332">Contact Captivation-axial</td> <td data-bbox="774 1299 1481 1332">≥ 6.1 lbs</td> </tr> <tr> <td data-bbox="129 1344 774 1377">Durability (mating)</td> <td data-bbox="774 1344 1481 1377">≥ 500</td> </tr> </table> | | Mechanical Data | | Recommended Coupling Nut Torque | 7 to 9.5 in-lbs | Coupling Proof Torque | 15 in-lbs | Coupling Nut Retention Force | ≥ 60.7 lbs | Contact Captivation-axial | ≥ 6.1 lbs | Durability (mating) | ≥ 500 | | | | |
| Mechanical Data | | | | | | | | | | | | | | | | | |
| Recommended Coupling Nut Torque | 7 to 9.5 in-lbs | | | | | | | | | | | | | | | | |
| Coupling Proof Torque | 15 in-lbs | | | | | | | | | | | | | | | | |
| Coupling Nut Retention Force | ≥ 60.7 lbs | | | | | | | | | | | | | | | | |
| Contact Captivation-axial | ≥ 6.1 lbs | | | | | | | | | | | | | | | | |
| Durability (mating) | ≥ 500 | | | | | | | | | | | | | | | | |
| <table border="0" style="width: 100%;"> <tr> <td colspan="2" data-bbox="129 1503 531 1554">Environmental Data</td> </tr> <tr> <td data-bbox="129 1565 774 1599">Temperature Range</td> <td data-bbox="774 1565 1481 1599">-65°C to +165°C</td> </tr> <tr> <td data-bbox="129 1610 774 1644">Thermal Shock</td> <td data-bbox="774 1610 1481 1644">MIL-STD-202, Method 107, Condition B</td> </tr> <tr> <td data-bbox="129 1655 774 1688">Moisture Resistance</td> <td data-bbox="774 1655 1481 1688">MIL-STD-202, Method 206</td> </tr> <tr> <td data-bbox="129 1700 774 1733">Corrosion</td> <td data-bbox="774 1700 1481 1733">MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td data-bbox="129 1744 774 1778">RoHS</td> <td data-bbox="774 1744 1481 1778">Compliant</td> </tr> </table> | | Environmental Data | | Temperature Range | -65°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 | -65°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-A3A8-27-1.2



1 S11
▽ 21.1457 GHz
1.19 VSWR