

| ADS-A8-1.858-27-1.15 | SMA Jack To 1.85mm Jack 27GHz VSWR 1.15 | 50Ω | | | | | | | | | | | | | | | |
|---|--|---|------------------------|-------------|------------------|---|------------------|-----|--|-----------------|--------|--|------|-----------------|------------|--|--|
| <div data-bbox="414 555 1173 907"> </div> | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Parts</th><th>Material</th><th>Plating (Micro-inch)</th></tr> </thead> <tbody> <tr> <td>Contact Pin</td><td>Beryllium Copper</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr> <tr> <td>Insulator (1.85)</td><td>PPO</td><td></td></tr> <tr> <td>Insulator (SMA)</td><td>Teflon</td><td></td></tr> <tr> <td>Body</td><td>Stainless Steel</td><td>Passivated</td></tr> </tbody> </table> | Parts | Material | Plating (Micro-inch) | Contact Pin | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 | Insulator (1.85) | PPO | | Insulator (SMA) | Teflon | | Body | Stainless Steel | Passivated | | |
| Parts | Material | Plating (Micro-inch) | | | | | | | | | | | | | | | |
| Contact Pin | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 | | | | | | | | | | | | | | | |
| Insulator (1.85) | PPO | | | | | | | | | | | | | | | | |
| Insulator (SMA) | Teflon | | | | | | | | | | | | | | | | |
| Body | Stainless Steel | Passivated | | | | | | | | | | | | | | | |

This part number complies with RoHS.

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

| ADS-A8-1.858-27-1.15 | | SMA Jack To 1.85mm Jack 27GHz VSWR 1.15 | |
|--|--|--|-----------------|
| Interface | | 1.85 | SMA |
| Standard | | IEEE287; IEC61169-32 | MIL-STD-348B |
| Mechanically compatible with | | 2.4 | 2.92 & 3.5 |
| Electrical Data | | | |
| Impedance | | 50Ω | |
| Frequency Range | | DC To 27GHz | |
| VSWR | | ≤ 1.15 (DC To 27GHz) | |
| 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 | |
| Mechanical Data | | 1.85 | SMA |
| Recommended Coupling Nut Torque | | 7.08 to 9.74 inch lbs | 7 to 9.5 in-lbs |
| Coupling Proof Torque | | 15 in-lbs | 15 in-lbs |
| Contact Captivation-axial | | ≥ 4.5 lbs | ≥ 6.1 lbs |
| Durability (mating) | | ≥ 500 | ≥ 500 |
| Environmental Data | | | |
| Temperature Range | | -55°C to +105°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-A8-1.858-27-1.15

