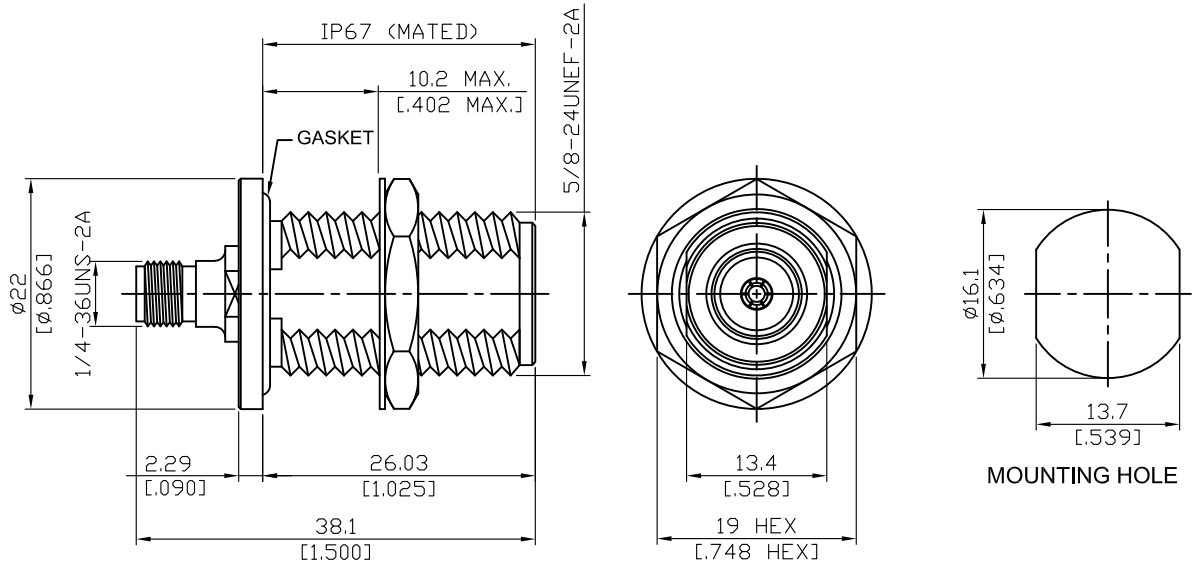


ADS-A8N8-BF-18A-1.2

Stainless SMA Jack To N Jack Bulkhead;
IP67 Mated, 18GHz VSWR 1.2

50Ω



| Parts | Material | Plating (Micro-inch) |
|-------------|------------------|---|
| Hex Nut | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Washer | Brass | 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 | Teflon | |
| Body | Stainless Steel | Passivated |

This part number complies with RoHS.

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

| ADS-A8N8-BF-18A-1.2 | Stainless SMA Jack To N Jack Bulkhead; IP67 Mated, 18GHz VSWR 1.2 | | | | | | | | | | | | | | | | |
|---|--|----------------|-------------------|-----------------|-----------------|--------------------------------------|---------------------|-------------------------|-----------------------|--------------------------------------|-----------------------|---------------------------|--|------------|--------------------------------|-----------|-------|
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> Standard Mechanically compatible with | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">SMA</th> <th style="width: 50%;">N</th> </tr> </thead> <tbody> <tr> <td>MIL-STD-348B</td> <td>MIL-STD-348B</td> </tr> <tr> <td>2.92 & 3.5</td> <td></td> </tr> </tbody> </table> | SMA | N | MIL-STD-348B | MIL-STD-348B | 2.92 & 3.5 | | | | | | | | | | | |
| SMA | N | | | | | | | | | | | | | | | | |
| MIL-STD-348B | MIL-STD-348B | | | | | | | | | | | | | | | | |
| 2.92 & 3.5 | | | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Electrical Data</div> <table style="width: 100%;"> <tr> <td style="width: 50%;">Impedance</td> <td>50Ω</td> </tr> <tr> <td>Frequency Range</td> <td>DC To 18GHz</td> </tr> <tr> <td>VSWR</td> <td>≤ 1.2 (DC To 18GHz)</td> </tr> <tr> <td>Insertion Loss</td> <td>≤ 0.04 x √f(GHz) dB</td> </tr> <tr> <td>Insulation Resistance</td> <td>≥ 5000MΩ</td> </tr> <tr> <td>Dielectric Withstanding Voltage (at sea level)</td> <td>1500 V rms</td> </tr> <tr> <td>Working Voltage (at sea level)</td> <td>500 V rms</td> </tr> </table> | | | Impedance | 50Ω | Frequency Range | DC To 18GHz | VSWR | ≤ 1.2 (DC To 18GHz) | 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 | |
| Impedance | 50Ω | | | | | | | | | | | | | | | | |
| Frequency Range | DC To 18GHz | | | | | | | | | | | | | | | | |
| VSWR | ≤ 1.2 (DC To 18GHz) | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%;">SMA</th> <th style="width: 25%;">N</th> </tr> </thead> <tbody> <tr> <td>Recommended Coupling Nut Torque</td> <td>7 to 9.5 in-lbs</td> <td>6 to 10 in-lbs</td> </tr> <tr> <td>Coupling Proof Torque</td> <td>15 in-lbs</td> <td>15 in-lbs</td> </tr> <tr> <td>Contact Captivation-axial</td> <td>≥ 6.1 lbs</td> <td>≥ 6.3 lbs</td> </tr> <tr> <td>Durability (mating)</td> <td>≥ 500</td> <td>≥ 500</td> </tr> </tbody> </table> | | | | SMA | N | Recommended Coupling Nut Torque | 7 to 9.5 in-lbs | 6 to 10 in-lbs | Coupling Proof Torque | 15 in-lbs | 15 in-lbs | Contact Captivation-axial | ≥ 6.1 lbs | ≥ 6.3 lbs | Durability (mating) | ≥ 500 | ≥ 500 |
| | SMA | N | | | | | | | | | | | | | | | |
| Recommended Coupling Nut Torque | 7 to 9.5 in-lbs | 6 to 10 in-lbs | | | | | | | | | | | | | | | |
| Coupling Proof Torque | 15 in-lbs | 15 in-lbs | | | | | | | | | | | | | | | |
| Contact Captivation-axial | ≥ 6.1 lbs | ≥ 6.3 lbs | | | | | | | | | | | | | | | |
| Durability (mating) | ≥ 500 | ≥ 500 | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Environmental Data</div> <table style="width: 100%;"> <tr> <td style="width: 50%;">Temperature Range</td> <td>-65°C to +165°C</td> </tr> <tr> <td>Thermal Shock</td> <td>MIL-STD-202, Method 107, Condition B</td> </tr> <tr> <td>Moisture Resistance</td> <td>MIL-STD-202, Method 206</td> </tr> <tr> <td>Corrosion</td> <td>MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td>RoHS</td> <td>Compliant</td> </tr> </table> | | | 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 | | | | | |
| 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 | | | | | | | | | | | | | | | | |

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