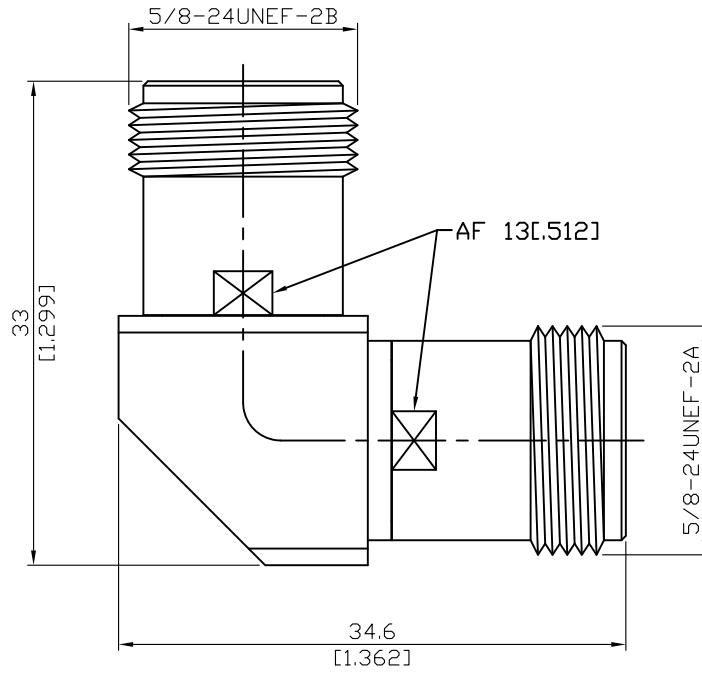


|              |  |     |
|--------------|--|-----|
| ALS-N8N8-FLH | High Power (4000M 1000W CW)<br>N Jack to N Jack Right Angle; 6GHz VSWR 1.3 | 50Ω |
|--------------|--|-----|



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

|  |  |
|--|--|
|  |  |
|--|--|

This part number complies with RoHS.

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

|   |  |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
|---|--|---------------------------|--|---------------------------------|-----------------|-----------------------|--------------------------------------|---------------------------|-------------------------|---------------------|--------------------------------------|-----------------------|-----------|--|------------|--------------------------------|------------|
| ALS-N8N8-FLH  | High Power (4000M 1000W CW)<br>N Jack to N Jack Right Angle; 6GHz VSWR 1.3 |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| <table border="0"> <tr> <td data-bbox="129 342 531 394"><b>Interface</b></td> <td></td> </tr> <tr> <td data-bbox="129 394 531 533">Standard</td> <td data-bbox="531 394 1481 533">MIL-STD-348B</td> </tr> </table>  |  | <b>Interface</b>          |  | Standard                        | MIL-STD-348B    |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| <b>Interface</b>  |  |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| Standard  | MIL-STD-348B   |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| <table border="0"> <tr> <td data-bbox="129 555 531 607"><b>Electrical Data</b></td> <td></td> </tr> <tr> <td data-bbox="129 607 531 658">Impedance</td> <td data-bbox="531 607 1481 658">50Ω</td> </tr> <tr> <td data-bbox="129 658 531 710">Frequency Range</td> <td data-bbox="531 658 1481 710">DC to 6GHz</td> </tr> <tr> <td data-bbox="129 710 531 761">VSWR</td> <td data-bbox="531 710 1481 761">≤ 1.3 (DC To 6GHz)</td> </tr> <tr> <td data-bbox="129 761 531 813">Insertion Loss</td> <td data-bbox="531 761 1481 813">≤ 0.07 x √f(GHz) dB</td> </tr> <tr> <td data-bbox="129 813 531 864">Insulation Resistance</td> <td data-bbox="531 813 1481 864">≥ 5000MΩ</td> </tr> <tr> <td data-bbox="129 864 531 916">Dielectric Withstanding Voltage (at sea level)</td> <td data-bbox="531 864 1481 916">2500 V rms</td> </tr> <tr> <td data-bbox="129 916 531 967">Working Voltage (at sea level)</td> <td data-bbox="531 916 1481 967">1000 V rms</td> </tr> </table> |  | <b>Electrical Data</b>    |  | Impedance                       | 50Ω             | Frequency Range       | DC to 6GHz                           | VSWR                      | ≤ 1.3 (DC To 6GHz)      | Insertion Loss      | ≤ 0.07 x √f(GHz) dB                  | Insulation Resistance | ≥ 5000MΩ  | Dielectric Withstanding Voltage (at sea level) | 2500 V rms | Working Voltage (at sea level) | 1000 V rms |
| <b>Electrical Data</b>  |  |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| Impedance   | 50Ω  |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| Frequency Range   | DC to 6GHz   |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| VSWR  | ≤ 1.3 (DC To 6GHz)   |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| Insertion Loss  | ≤ 0.07 x √f(GHz) dB  |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| Insulation Resistance   | ≥ 5000MΩ   |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| Dielectric Withstanding Voltage (at sea level)  | 2500 V rms   |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| Working Voltage (at sea level)  | 1000 V rms   |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| <table border="0"> <tr> <td data-bbox="129 1052 531 1104"><b>Mechanical Data</b></td> <td></td> </tr> <tr> <td data-bbox="129 1104 531 1155">Recommended Coupling Nut Torque</td> <td data-bbox="531 1104 1481 1155">6 to 10 in-lbs</td> </tr> <tr> <td data-bbox="129 1155 531 1207">Coupling Proof Torque</td> <td data-bbox="531 1155 1481 1207">15 in-lbs</td> </tr> <tr> <td data-bbox="129 1207 531 1258">Contact Captivation-axial</td> <td data-bbox="531 1207 1481 1258">≥ 6.3 lbs</td> </tr> <tr> <td data-bbox="129 1258 531 1310">Durability (mating)</td> <td data-bbox="531 1258 1481 1310">≥ 500</td> </tr> </table>   |  | <b>Mechanical Data</b>    |  | Recommended Coupling Nut Torque | 6 to 10 in-lbs  | Coupling Proof Torque | 15 in-lbs                            | Contact Captivation-axial | ≥ 6.3 lbs               | Durability (mating) | ≥ 500                                |                       |           |  |            |                                |            |
| <b>Mechanical Data</b>  |  |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| Recommended Coupling Nut Torque   | 6 to 10 in-lbs   |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| Coupling Proof Torque   | 15 in-lbs  |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| Contact Captivation-axial   | ≥ 6.3 lbs  |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| Durability (mating)   | ≥ 500  |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| <table border="0"> <tr> <td data-bbox="129 1451 531 1503"><b>Environmental Data</b></td> <td></td> </tr> <tr> <td data-bbox="129 1503 531 1554">Temperature Range</td> <td data-bbox="531 1503 1481 1554">-65°C to +165°C</td> </tr> <tr> <td data-bbox="129 1554 531 1606">Thermal Shock</td> <td data-bbox="531 1554 1481 1606">MIL-STD-202, Method 107, Condition B</td> </tr> <tr> <td data-bbox="129 1606 531 1657">Moisture Resistance</td> <td data-bbox="531 1606 1481 1657">MIL-STD-202, Method 206</td> </tr> <tr> <td data-bbox="129 1657 531 1709">Corrosion</td> <td data-bbox="531 1657 1481 1709">MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td data-bbox="129 1709 531 1760">RoHS</td> <td data-bbox="531 1709 1481 1760">Compliant</td> </tr> </table>  |  | <b>Environmental Data</b> |  | 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 |  |            |                                |            |
| <b>Environmental Data</b>   |  |                           |  |                                 |                 |                       |                                      |                           |                         |                     |                                      |                       |           |  |            |                                |            |
| 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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# ALS-N8N8-FLH

