

| AD-N3T8-18  | N Plug To TNC Jack<br>18GHz VSWR 1.2 | 50Ω   |                      |               |                  |  |        |          |  |              |       |  |           |        |  |                   |                  |   |                 |       |   |      |       |  |  |
|---|--------------------------------------|---|----------------------|---------------|------------------|--|--------|----------|--|--------------|-------|--|-----------|--------|--|-------------------|------------------|---|-----------------|-------|---|------|-------|--|--|
|   |                                      |   |                      |               |                  |  |        |          |  |              |       |  |           |        |  |                   |                  |   |                 |       |   |      |       |  |  |
| <table border="1"> <thead> <tr> <th>Parts</th> <th>Material</th> <th>Plating (Micro-inch)</th> </tr> </thead> <tbody> <tr> <td>Retainer 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>Coupling Nut</td> <td>Brass</td> <td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td> </tr> <tr> <td>Insulator</td> <td>Teflon</td> <td></td> </tr> <tr> <td>Contact Pin (TNC)</td> <td>Beryllium Copper</td> <td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td> </tr> <tr> <td>Contact Pin (N)</td> <td>Brass</td> <td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td> </tr> <tr> <td>Body</td> <td>Brass</td> <td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td> </tr> </tbody> </table> | Parts                                | Material  | Plating (Micro-inch) | Retainer Ring | Beryllium Copper | Tin-Zinc-Copper-Alloy 100 Over Copper 50 | Gasket | Silicone |  | Coupling Nut | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 | Insulator | Teflon |  | Contact Pin (TNC) | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 | Contact Pin (N) | Brass | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 | Body | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |  |
| Parts   | Material                             | Plating (Micro-inch)                                  |                      |               |                  |  |        |          |  |              |       |  |           |        |  |                   |                  |   |                 |       |   |      |       |  |  |
| Retainer Ring   | Beryllium Copper                     | Tin-Zinc-Copper-Alloy 100 Over Copper 50              |                      |               |                  |  |        |          |  |              |       |  |           |        |  |                   |                  |   |                 |       |   |      |       |  |  |
| Gasket  | Silicone                             |   |                      |               |                  |  |        |          |  |              |       |  |           |        |  |                   |                  |   |                 |       |   |      |       |  |  |
| Coupling Nut  | Brass                                | Tin-Zinc-Copper-Alloy 100 Over Copper 50              |                      |               |                  |  |        |          |  |              |       |  |           |        |  |                   |                  |   |                 |       |   |      |       |  |  |
| Insulator   | Teflon                               |   |                      |               |                  |  |        |          |  |              |       |  |           |        |  |                   |                  |   |                 |       |   |      |       |  |  |
| Contact Pin (TNC)   | Beryllium Copper                     | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |                      |               |                  |  |        |          |  |              |       |  |           |        |  |                   |                  |   |                 |       |   |      |       |  |  |
| Contact Pin (N)   | Brass                                | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |                      |               |                  |  |        |          |  |              |       |  |           |        |  |                   |                  |   |                 |       |   |      |       |  |  |
| Body  | Brass                                | Tin-Zinc-Copper-Alloy 100 Over Copper 50              |                      |               |                  |  |        |          |  |              |       |  |           |        |  |                   |                  |   |                 |       |   |      |       |  |  |
| Weight:   |                                      |   |                      |               |                  |  |        |          |  |              |       |  |           |        |  |                   |                  |   |                 |       |   |      |       |  |  |

This part number complies with RoHS.

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

| AD-N3T8-18   | N Plug To TNC Jack<br>18GHz VSWR 1.2  |   |
|--|---|---|
| <div style="border: 1px solid black; padding: 2px;">Interface</div> <p>Standard</p>  | <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 2px;">N</div> <p>MIL-STD-348B</p>   | <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 2px;">TNC</div> <p>MIL-STD-348B</p>   |
| <div style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance</p> <p>Frequency Range</p> <p>VSWR</p> <p>Insertion Loss</p> <p>Insulation Resistance</p> <p>Dielectric Withstanding Voltage (at sea level)</p> <p>Working Voltage (at sea level)</p> | <p>50Ω</p> <p>DC To 18GHz</p> <p>≤ 1.2 (DC To 18GHz)</p> <p>≤ 0.05 x √f(GHz) dB</p> <p>≥ 5000MΩ</p> <p>1500 V rms</p> <p>500 V rms</p>  |   |
| <div style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p>Recommended Coupling Nut Torque</p> <p>Coupling Proof Torque</p> <p>Coupling Nut Retention Force</p> <p>Contact Captivation-axial</p> <p>Durability (mating)</p>                                | <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 2px;">N</div> <p>6 to 10 in-lbs</p> <p>15 in-lbs</p> <p>≥ 101.2 lbs</p> <p>≥ 6.3 lbs</p> <p>≥ 500</p> | <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 2px;">TNC</div> <p>4.1 to 6.1 in-lbs</p> <p>15 in-lbs</p> <p>NA</p> <p>≥ 6.1 lbs</p> <p>≥ 500</p> |
| <div style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p>Temperature Range</p> <p>Thermal Shock</p> <p>Moisture Resistance</p> <p>Corrosion</p> <p>RoHS</p>   | <p>-65°C to +165°C</p> <p>MIL-STD-202, Method 107, Condition B</p> <p>MIL-STD-202, Method 206</p> <p>MIL-STD-202, Method 101, Condition B</p> <p>Compliant</p>                          |   |

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