

| AD-TQ3T8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Snap On TNC Plug To TNC Jack</b><br><b>11GHz VSWR 1.2</b> | <b>50Ω</b>                                            |       |          |                      |             |                  |                                                       |           |        |  |      |       |                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------|-------|----------|----------------------|-------------|------------------|-------------------------------------------------------|-----------|--------|--|------|-------|------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                              |                                                       |       |          |                      |             |                  |                                                       |           |        |  |      |       |                                          |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Parts</th> <th style="width: 20%;">Material</th> <th style="width: 65%;">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</td> <td>Teflon</td> <td></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) | Contact Pin | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 | Insulator | Teflon |  | Body | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Parts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Material                                                     | Plating (Micro-inch)                                  |       |          |                      |             |                  |                                                       |           |        |  |      |       |                                          |
| Contact Pin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Beryllium Copper                                             | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |       |          |                      |             |                  |                                                       |           |        |  |      |       |                                          |
| Insulator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Teflon                                                       |                                                       |       |          |                      |             |                  |                                                       |           |        |  |      |       |                                          |
| 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-TQ3T8                                                                                                                                                                                      |  | Snap On TNC Plug To TNC Jack<br>11GHz VSWR 1.2                                                                                          |                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>Interface</b><br>Standard                                                                                                                                                                  |  | TNC Plug Snap On Side<br>Per JYEBAO Snap On TNC Plug                                                                                    | TNC Jack Screw Side<br>MIL-STD-348B |
| <b>Electrical Data</b><br>Impedance<br>Frequency Range<br>VSWR<br>Insertion Loss<br>Insulation Resistance<br>Dielectric Withstanding Voltage (at sea level)<br>Working Voltage (at sea level) |  | 50Ω<br>DC to 11GHz<br>≤ 1.2 (DC To 11GHz)<br>≤ 0.05 x √f(GHz) dB<br>≥ 5000MΩ<br>1000 V rms<br>500 V rms                                 |                                     |
| <b>Mechanical Data</b><br>Recommended Coupling Nut Torque<br>Coupling Proof Torque<br>Contact Captivation-axial<br>Durability (mating)                                                        |  | 4.1 to 6.1 in-lbs (not applicable on snap on side)<br>15 in-lbs (not applicable on snap on side)<br>≥ 6.1 lbs<br>≥ 500                  |                                     |
| <b>Environmental Data</b><br>Temperature Range<br>Thermal Shock<br>Moisture Resistance<br>Corrosion<br>RoHS                                                                                   |  | -65°C to +165°C<br>MIL-STD-202, Method 107, Condition B<br>MIL-STD-202, Method 206<br>MIL-STD-202, Method 101, Condition B<br>Compliant |                                     |

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