**TNC 50 Ohm Straight Plug**

*for UH22089*

![TNC Plug per Mil-Std 348](image)

**PERFORMANCE**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Impedance</td>
<td>50 Ohms</td>
</tr>
<tr>
<td>Frequency Range</td>
<td>0 - 12 GHz</td>
</tr>
<tr>
<td>Voltage Rating</td>
<td>500 V(rms)</td>
</tr>
<tr>
<td>Insulation Resistance</td>
<td>5000 Megohms</td>
</tr>
<tr>
<td>DW Voltage</td>
<td>1500 V (rms)</td>
</tr>
<tr>
<td>Insertion Loss (max)</td>
<td>0.20 dB max @ 12 GHz</td>
</tr>
<tr>
<td>Insertion Loss</td>
<td>0.06 $\sqrt{F(GHz)}$</td>
</tr>
<tr>
<td>Temperature Rating</td>
<td>-65° to +165° C</td>
</tr>
</tbody>
</table>

**CONSTRUCTION**

**Materials:**

- **Body:** Brass, ASTM-B16, Alloy UNS 36000, H02
- **Outer Contact:** Beryllium Copper, ASTM-B196, Alloy UNS C17300
- **Cable Contact:** Brass, ASTM-B16, Alloy UNS 36000, H02
- **Ferrule:** Brass, ASTM-B16, Alloy UNS 36000, Dead Soft, Or Copper, ASTM-B152, Alloy C12200
- **Dielectric:** TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1
- **Gasket:** Silicone Rubber

**Finish:**

- Body, Ferrule: Nickel
- Center Contact: Gold

**CONNECTOR WEIGHT (Each)**

1.13 ounces (31.98 grams)

**RoHS COMPLIANT**

Complies to RoHS Standards

**INSTALLATION**

**Center Contact**
Solder Only

**Crimp Ferrule**

- M22520 / 5-01 Tool
- M22520 / 5-25 Die Set (.429" A hex)

**APPLICABLE STANDARDS**

MIL-STD 348, MIL-PRF-39012

**Notes:**

1) A 2.0" piece of Raychem ATUM heat shrink P/N ATUM-16/4-0 provided with connector for purpose of strain relief & moisture protection.

2) Please refer to T-1504XX Termination Instruction sheet for strip dimensions & instructions.

---

**PIC Wire & Cable Connector User specification sheets are non-controlled documents if printed. Please contact PIC Wire and Cable or visit the PIC website (www.picwire.com) to ensure the latest revision of the drawing is being viewed.**