
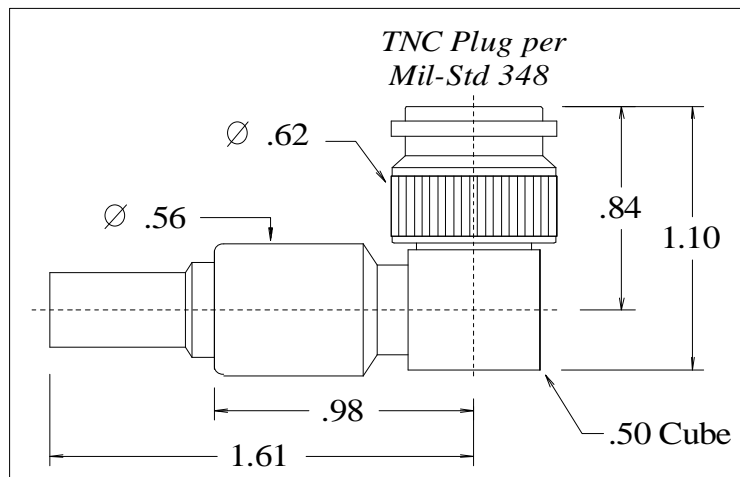


|  |   |  |
|--|---|--|
| <b>PIC Wire &amp; Cable</b>  | <b>Connector Specification</b>  | <b>P/N 190509A</b>                           |
| A Division of the Angelus Corporation<br>Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com<br>PO Box 330 Sussex, WI 53089 | Approved :  | Date : 09/12/02                              |
|  | Distribution : USER   | Rev. 4 (04/05/16)<br>Uncontrolled if Printed |

**TNC 90° Plug**  
for S65161, S65161-A



*Features Not Shown : Safety Wire Holes, Gasket in Front*

**PERFORMANCE**

|                       |              |
|-----------------------|--------------|
| Nominal Impedance     | 50 Ohms      |
| Frequency Range       | 0 - 12 GHz   |
| Voltage Rating        | 500 VRMS     |
| Insulation Resistance | 5000 Megohms |

**CONNECTOR WEIGHT (Each)**

1.77 ounces (50.18 grams)

**RoHS COMPLIANT**

Complies to RoHS Standards

**INSTALLATION**

**Pic Die Set**

*Center Contact*

M22520 / 5 - 01 Tool,  
PIC 190518A Hex Crimp Die  
(.098 hex)

*Crimp Ferrule*

M22520 / 5 - 01 Tool,  
\*PIC 190518A Hex Crimp Die  
(.270/.340 hex)

**MIL Spec Die Set**

*Center Contact*

M22520 / 5-01 Tool,  
MIL Spec \*M22520 / 5-57  
(.100 B hex)

*Crimp Ferrule*

M22520 / 5-01 Tool,  
MIL Spec \*M22520 / 5-43  
(.268 A hex)

**CONSTRUCTION**

**Materials:**

|                |  |
|----------------|--|
| Body           | Brass, ASTM-B16,<br>Alloy UNS 36000, H02                                 |
| Center Contact | Beryllium Copper, ASTM-B196,<br>Alloy UNS C17300                         |
| Ferrule        | Brass, ASTM-B16,<br>Alloy UNS 36000, Dead Soft,<br>Weatherseals included |
| Dielectric     | TFE Fluorocarbon, ASTM-D1710,<br>Type 1, Grade 1                         |

**Finish :**

|                |        |
|----------------|--------|
| Body, Ferrule  | Nickel |
| Center Contact | Gold   |

**Applicable Standards**

MIL-STD 348  
MIL-PRF-39012

**Notes :**

1) A 2.5" 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-1905XXA Termination Instruction  
sheet for strip dimensions & instructions.

\* Note - MIL Spec die to be used on the smaller diameter area of ferrule only. Not the larger "Bell" area on end.