
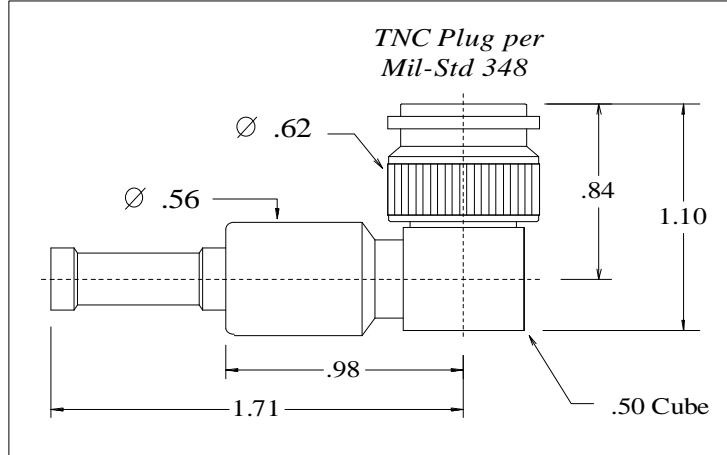


PIC Wire & Cable	Connector Specification	P/N 190109
<i>A Division of the Angelus Corporation</i> Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved : 	Date 07/29/93
	Distribution : USER	Rev. 4 (06/16/14)
		Uncontrolled Document

TNC 90° Plug
 for S44191, S44193, S46191
 or RG 400, RG142



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)

1.75 ounces (49.61 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION

Pic Die Set

Center Contact
 M22520 / 5 - 01 Tool,
 PIC 190118 Hex Crimp Die
 (.098 hex)

Crimp Ferrule
 M22520 / 5 - 01 Tool,
 PIC 190118 Hex Crimp Die
 (.213/.261 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 / 5-57
 (.213 A hex)

CONSTRUCTION

Materials:

Body	Brass, ASTM-B16, Alloy UNS 36000, H02
Center Contact	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Ferrule	Brass, ASTM-B16, Alloy UNS 36000, Dead Soft, Weatherseals included
Dielectric	TFE Fluorocarbon, ASTM-D1710, 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-190XXX 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" areas on each end.

PIC Wire & Cable Connector User specification sheets are non-controlled documents. 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.