

PIC Wire & Cable

A Division of the Angelus Corporation
Ph 262-246-0500 Fax 262-246-0450
PO Box 330 Sussex, WI 53089

Connector Specification

190509

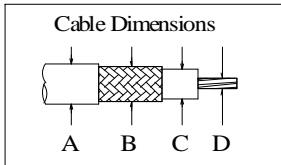
Approved

Date 04/10/97

Rev.6 (05/08/08)

Distribution : USER

TNC 90° Plug for S67163, S68162



CABLE DIMENSIONS

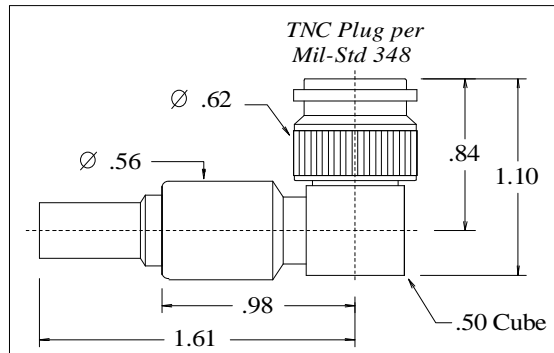
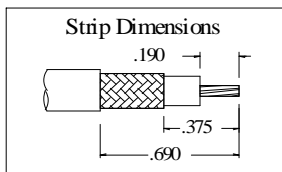
A	Jacket (overall) O.D.	.225 / .230
B	Over-shields O.D.	.195 / .179
C	Dielectric O.D.	.160 / .149
D	Center conductor O.D.	.057

PERFORMANCE

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

Force to Engage

Longitudinal	NA
Torque	2 in - lbs Max



Features Not Shown : Safety Wire Holes, Gasket in Front

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

INSTALLATION

Crimp Tooling:

Center Contact	M22520 / 5 - 01 Tool, PIC 190518A Hex Crimp Die (.098 hex)
Crimp Ferrule	M22520 / 5 - 01 Tool, PIC 190518A Hex Crimp Die (.272/.340 hex)

* PIC 190518 Crimp Die Set superceded by PIC 190518A;
either is acceptable for use with 190509 Connectors.

CONNECTOR WEIGHT (Each)

1.77 ounces (50.18 grams)

RoHS COMPLIANT

Complies to RoHS Standards

CONFIDENTIAL/PROPRIETARY: NEITHER THIS SPECIFICATION, NOR A PRODUCT OF THIS SPECIFICATION SHALL BE USED, COPIED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF PIC WIRE & CABLE.