

PIC Wire & Cable

A Division of the Angelus Corporation

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Connector Specification

190504

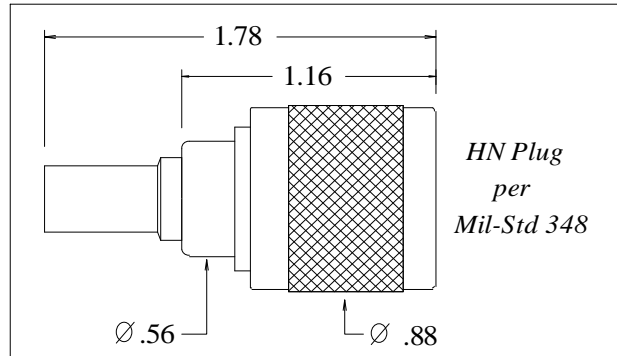
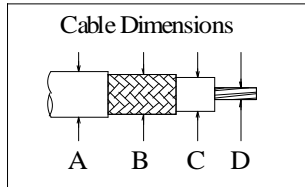
Approved

Date 10/29/03

Rev. 0

Distribution : USER

HN Straight Plug for S67163, S68162



Features Not Shown : Safety Wire Holes, Gasket in Front

CABLE DIMENSIONS

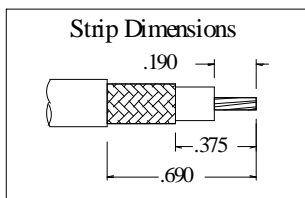
A	Jacket (overall) O.D.	225 / .230
B	Over-shields O.D.	195 / .179
C	Dielectric O.D.	160 / .149
D	Center conductor O.D.	.057

PERFORMANCE

Nominal Impedance	50 Ohms
Frequency Range	0 - 4 GHz
Voltage Rating	1500 VRMS
Insulation Resistance	5000 Megohms

Force to Engage

Longitudinal	NA
Torque	3 in - lbs Max



CONSTRUCTION

Materials:

Body	Brass, ASTM-B16, Alloy UNS 36000, H02
Center Contact	Brass, ASTM-B16, Alloy UNS 36000, H02
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-C-3643
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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* PIC 190518 Crimp Die Set superceded by PIC 190518A;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 190504 Connectors.

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