
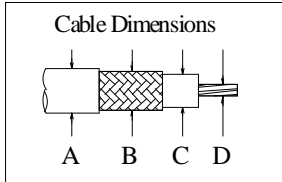


<b>PIC Wire &amp; Cable</b> <i>A Division of the Angelus Corporation</i> Ph 262-246-0500 Fax 262-246-0450 PO Box 330 Sussex, WI 53089	<b>Connector Specification</b>	<b>190519</b>
	Approved 	Date 09/03/97
	Distribution : USER	Rev. 3 (05/08/08)

**ARINC 404 Size 1 Socket**  
for S67163, S68162

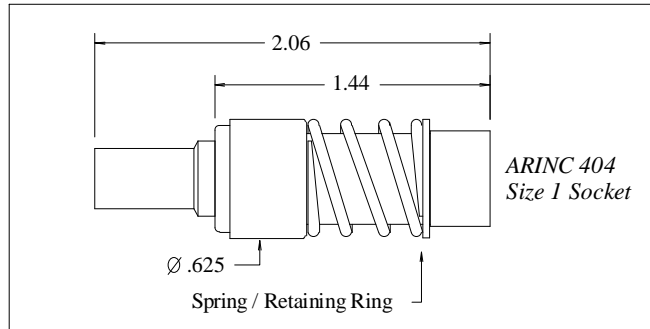
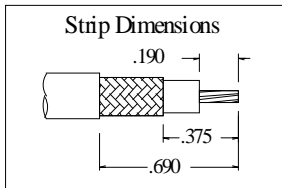


CABLE DIMENSIONS

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 - 5 GHz
Voltage Rating	1000 VRMS
Insulation Resistance	5000 Megohms



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
Spring, Retaining Ring	Stainless Steel

*Finish :*

Body, Ferrule	Gold
Center Contact	Gold
Spring, Retaining Ring	Passivated

<i>Applicable Standards</i>	ARINC 404 MIL-C-81659
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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*\* PIC 190518 Crimp Die Set superceded by PIC 190518A;  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 190519 Connectors.*

CONNECTOR WEIGHT (Each)

1.88 ounces (53.30 grams)