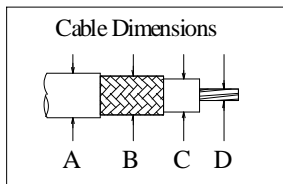


<b>PIC Wire &amp; Cable</b> <i>A Division of the Angelus Corporation</i> Ph 262-246-0500 Fax 262-246-0450 PO Box 330 Sussex, WI 53089	<b>Connector Specification</b>	<b>190502</b>
	Approved <i>GLP</i>	Date 10/05/98 Rev.3 (05/07/08)
	Distribution : USER	

**ARINC 600 Modified Size 1 Socket**  
for S67163, S68162

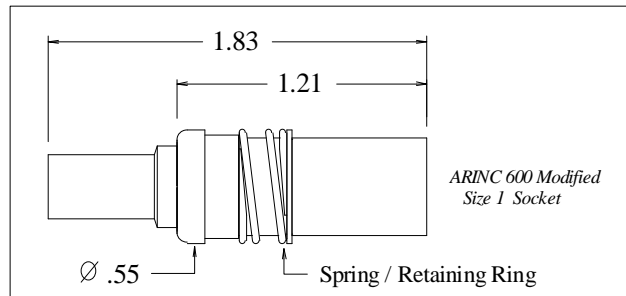
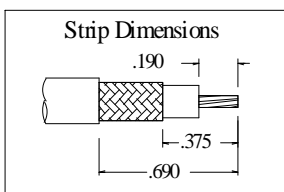


**CABLE DIMENSIONS**

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

*Applicable Standards* ARINC 600

**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*\* PIC 190518 Crimp Die Set superceded by PIC 190518A; either is acceptable for use with 190502 Connectors.*

**CONNECTOR WEIGHT (Each)**

.76 ounces (21.55 grams)
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