



Alpha Wire Company

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Product Specification: 9223

Date Issued: 3/6/01

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Product Description: Coaxial cable consisting of a solid silver coated copper conductor, solid polyethylene dielectric, double braided silver coated copper shield, with an overall non-contaminating polyvinylchloride jacket.

Note: All dimensions are in inches unless otherwise specified.

Construction Requirements

Conductor Data:

Material	Silver Coated Copper*
AWG, Stranding	19, Solid

Dielectric Data:

Material	Solid Polyethylene
Nominal Wall Thickness	0.040
Minimum Diameter	0.112
Nominal Diameter	0.116
Maximum Diameter	0.120

Shield Data:

Type	Double Braid
Material	Silver Coated Copper
Nominal Coverage	96%

Jacket Data:

Material	Non-contaminating Polyvinylchloride
Color	Black
Nominal Wall Thickness	0.027
Minimum Diameter	0.208
Maximum Diameter	0.216

* Symbol reflects latest change made.

Finished Product Requirements:

Temperature Range	-20°C to 60°C
Nominal Impedance	50 Ohms
Nominal Capacitance	30.8 pF/ft
Nominal Attenuation	3.0 Db/100' @ 50 MHz
	20.0 Db/100' @ 1.0 GHz
	85.0 Db/100' @ 10.0 GHz
	98.0 Db/100' @ 12.4 GHz
Velocity of Propagation	66%
RG Type, MIL-C-17D	223/U, /84

Availability:

100 ft., 500 ft. and 1000 ft. Put-ups.

* *Symbol reflects latest change made.*