



Alpha Wire Company

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Product Specification: 9214

Date Issued: 9/7/00

Product Description: Coaxial cable consisting of a 13 AWG (7/0.0296) stranded silver coated copper conductor, solid polyethylene dielectric, double braided silver coated copper shield, with an overall polyvinylchloride jacket.

Note: All dimensions are in inches unless otherwise specified.

Construction Requirements

Conductor Data:

Material	Silver Coated Copper
AWG, Stranding	13, Approx.7/0.0296

Dielectric Data:

Material	Polyethylene
Color	Natural
Minimum Diameter	0.278*
Nominal Diameter	0.285*
Maximum Diameter	0.292*

Shield Data:

Type	Double Braid
Material	Silver Coated Copper
Nominal Coverage	97%

Jacket Data:

Material	Non Contaminating Polyvinylchloride
Color	Black
Nominal Diameter	0.425

Finished Product Requirements:

Temperature Range	-20°C To 60°C
Nominal Impedance	50 Ohms
Nominal Capacitance	30.8 pF/ft
Nominal DCR, OHMS/K' @23C	
Inner Conductor	1.73
Outer Conductor	0.7
Maximum Operating Voltage	5000 Vac
Attenuation, Nominal db/100'	5.5 @ 400 MHz
	19 @ 3.0 GHz
Velocity of Propagation	66%
UL AWM Style	1354
RG Type, MIL-C-17	214/U, /75

Availability:

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

* Dielectric dimensions are checked in several areas and measured by using cable OD tape method.