

Part Number: C5039

Revision Level: 08

Date: 03/16/2011

## 1C 14 SOLID BCCS, FMPE OAS PVC

## RG 11/U TYPE COAXIAL CABLE

### A. CONSTRUCTION

<ol style="list-style-type: none"> <li>1) CONDUCTOR:</li> <li>2) INSULATION:</li> <li>3) TAPE:</li> <li>4) BRAID:</li> <li>5) JACKET:</li> <li>6) PRINT LEGEND:</li> </ol>	<p>#14 AWG Solid Bare Copper –Clad Steel</p> <p>0.108” Wall Foamed Polyethylen</p> <p>Aluminum/Polyester/Aluminum Bonded</p> <p>34 AWG Aluminum Braid – 65% Nom Coverage</p> <p>0.045” Wall Polyvinyl Chloride ; PVC</p> <p><b><i>CAROL(R) – C5039 -- RG11/U TYPE 75 OHM COAXIAL CABLE -- 1C14 AWG SWEPT TO 3 GHZ E60233-F CL2 (UL) -- CATV OR CM C(UL) -- MADE IN USA (MO/YR &amp; SEQ. FT. MKGS)</i></b></p>	<p>0.064” nom.</p> <p>0.280” nom.</p> <p>0.285” nom.</p> <p>0.310” nom.</p> <p>0.400” +/- 0.015”</p>
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### DIAMETERS

### B. INDUSTRY APPROVALS

National Electrical Code UL Standard 13	Article 725 Type CL2
National Electrical Code UL Standard 444	Article 800 Type CM (UL) c(UL)
National Electrical Code UL Standard 1655	Article 820 Type CATV

### C. ELECTRICAL PROPERTIES

1) TEMPERATURE:	-20°C TO +75°C (CM,CL2,CATV)
2) SUGGESTED WORKING VOLTAGE (Vrms):	CL2/150V; CM /300V/ CATV/60V
3) CONDUCTOR D.C. RESISTANCE:	11.4 Ohms/1000 ft. nom. @ 20 °C
4) SHIELD RESISTANCE:	4.6 Ohms/1000 ft. nom. @ 20 °C
5) CAPACITANCE:	16.2 pF/ft. @ 1kHz nom.
6) CHARACTERISTIC IMPEDANCE:	75 Ohms @ 1 MHz nom.
7) VELOCITY OF PROPAGATION	83.0 % nom.
8) ATTENUATION (NOMINAL):	

FREQ. (MHz)	dB/100 ft.
1	0.30
10	0.70
50	0.90
100	1.30
200	1.90
500	3.00
1000	4.40
1450	5.30
1800	5.90
2200	6.53
3000	7.62

Note: Data are subject to change without notice. Contact your Customer Service representative for latest information.