

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

DIAMETERS

- | | | |
|------------------|---|-------------------|
| 1) CONDUCTOR: | #14 AWG Solid Bare Copper –Clad Steel | 0.064" nom. |
| 2) INSULATION: | 0.108" Wall Foamed Polyethylen | 0.280" nom. |
| 3) TAPE: | Aluminum/Polyester/Aluminum Bonded | 0.285" nom. |
| 4) BRAID: | 34 AWG Aluminum Braid –
65% Nom Coverage | 0.310" nom. |
| 5) JACKET: | 0.045" Wall Polyvinyl Chloride ; PVC | 0.400" +/- 0.015" |
| 6) PRINT LEGEND: | 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 & SEQ. FT. MKGS) | |

B. INDUSTRY APPROVALS

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

Rev. 07; January 20, 2005 -from Manchester

Rev.08: revise print legend, remove AWM chg bs 60-65%, Dia & add RoHS – 03/16/2011 GT