

Part Number: C1154

Revision Level: 05

Date: October 29, 2010

1C 13 7/21 BC; PE OAS PVC

RG-8/U TYPE COAXIAL CABLE

A. CONSTRUCTION

- | | | | |
|----|---------------|--|-------------------|
| 1) | CONDUCTOR: | #13 AWG 7/21 Bare Copper | 0.088" nom. |
| 2) | INSULATION: | 0.0985" Wall Solid Polyethylene | 0.285" nom. |
| 3) | BRAID: | 33 AWG Bare Copper Braid
95% Nom. Coverage | 0.315" nom. |
| 4) | JACKET: | 0.045 Wall PVC - Black | 0.405" +/- 0.010" |
| 5) | PRINT LEGEND: | CAROL(R) -- C1154 — RG8/U TYPE 50 OHM COAXIAL CABLE -- 1C 13 AWG 7/21 BC; PE OAS PVC
 AWM 1354 80C E18621-F -- ROHS--MADE IN USA -- (MO/YR & SEQ/FTG MARKING) | |

DIAMETERS

B. INDUSTRY APPROVALS

UL Subject 758
JAN-C-17A

AWM Style 1354
RG213/U TYPE

C. ELECTRICAL PROPERTIES

- | | | |
|----|--|--------------------------------|
| 1) | TEMPERATURE: | -20C to +80C |
| 2) | SUGGESTED WORKING VOLTAGE (V _{rms}): | 30 |
| 3) | CONDUCTOR D.C. RESISTANCE: | 1.74 Ohms/1000 ft. nom. @ 20 C |
| 4) | SHIELD RESISTANCE: | 1.20 Ohms/1000 ft. nom. @ 20 C |
| 5) | CAPACITANCE: | 30.8 pF/ft. @ 1kHz nom. |
| 6) | CHARACTERISTIC IMPEDANCE: | 50 Ohms @ 1 MHz nom. |
| 7) | VELOCITY OF PROPAGATION | 66.0 % nom. |
| 8) | ATTENUATION (NOMINAL): | |

FREQ. (MHz)	dB/100 ft.
1	0.14
10	0.45
50	1.10
100	1.56
200	2.35
500	4.13
700	5.14
1000	6.51

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

REV. 4: Was dated 12/01/2000 from Manchester

REV. 5: revise print E# , temp rating from 60C to 80C, edit attenuation & Rohs compliant – GT