

Part Number: C1156

Revision Level: 06

Date: 04/19/2011

1C 26 7/34 BCCS, PE OAS PVC

RG 174/U TYPE COAXIAL CABLE

A. CONSTRUCTION

- | | | | |
|----|---------------|--|-------------------|
| 1) | CONDUCTOR: | #26 AWG 7/34 Bare Copper Clad Steel | 0.019" nom. |
| 2) | INSULATION: | 0.020" Wall Solid Polyethylen | 0.059" nom. |
| 3) | BRAID: | 38 AWG Tinned Copper Braid
88% Nom Coverage | 0.077" nom. |
| 4) | JACKET: | 0.013" Wall Polyvinyl Chloride ; PVC | 0.103" +/- 0.005" |
| 5) | PRINT LEGEND: | <i>CAROL(R) – C1156 -- RG174/U TYPE 50 OHM COAXIAL CABLE -- 1C 26 AWG
AWM 1354 80C E18621-F — ROHS-- MADE IN USA (MO/YR & SEQ. FT. MKGS)</i> | |

DIAMETERS

B. INDUSTRY APPROVALS

UL Subject 758

AWM 1354

C. ELECTRICAL PROPERTIES

- | | | |
|----|-----------------------------------|---------------------------------|
| 1) | TEMPERATURE: | -20°C TO +80°C |
| 2) | SUGGESTED WORKING VOLTAGE (Vrms): | 30V Max. |
| 3) | CONDUCTOR D.C. RESISTANCE: | 97.0 Ohms/1000 ft. nom. @ 20 °C |
| 4) | SHIELD RESISTANCE: | 12.0 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	1.90
10	3.30
50	5.80
100	8.40
200	12.50
500	21.21
1000	34.00
1450	36.69
1800	40.96
2200	45.39
3000	55.49

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

Rev. 04; 12/08/00 – from Manchester

Rev.05: revise E# and extend attn to 3.0GHz (FOI) and add RoHS– 01/11/2011 GT

Rev. 06; correct BS 95-88% and BS DCR - 04/19/11-GT