

Part Number: C1108A

Revision Level: 04

Date: March 12, 2010

1C 16 19/28 BC; FMPE OAS PVC

MINI - RG 8/U TYPE COAXIAL CABLE

A. CONSTRUCTION

- | | | | |
|----|---------------|---|-------------------|
| 1) | CONDUCTOR: | #16 AWG 19/28 Bare Copper | 0.057" nom. |
| 2) | INSULATION: | 0.049" Wall Foam Polyethylene | 0.155" nom. |
| 3) | BRAID: | Bare Copper Braid
95% Nom. Coverage | 0.182" nom. |
| 4) | JACKET: | 0.030 Wall FR-Polyvinyl Chloride - Black | 0.242" +/- 0.007" |
| 5) | PRINT LEGEND: | <i>CAROL(R)--C1108A—MINI RG8/U TYPE 50 OHM COAXIAL CABLE--1C 16 AWG E60233-F CL2—CM (UL) OR CM c(UL)us -- 80C AWM 1354—ROHS -- MADE IN USA – (MO/YR & SEQ/ FTG MARKING)</i> | |

DIAMETERS

B. INDUSTRY APPROVALS

National Electric Code UL Standard 444	Article 800 Type CM (UL) c(UL)us
National Electric Code UL Standard 13	Article 725 Type CL2
UL Subject 758	AWM Style 1354

C. ELECTRICAL PROPERTIES

- | | |
|---|--------------------------------|
| 1) TEMPERATURE: | -20C to +80C |
| 2) SUGGESTED WORKING VOLTAGE (V _{rms}): | 300V Max |
| 3) CONDUCTOR D.C. RESISTANCE: | 4.20 Ohms/1000 ft. nom. @ 20 C |
| 4) SHIELD RESISTANCE: | 2.85 Ohms/1000 ft. nom. @ 20 C |
| 5) CAPACITANCE: | 25.3 pF/ft. @ 1kHz nom. |
| 6) CHARACTERISTIC IMPEDANCE: | 50 Ohms @ 1 MHz nom. |
| 7) VELOCITY OF PROPAGATION | 80.0 % nom. |
| 8) ATTENUATION (NOMINAL): | |

FREQ. (MHz)	dB/100 ft.
1	0.26
10	0.98
50	2.30
100	3.30
200	4.90
500	8.50
1000	14.30

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

REV.3 ; 12/01/00

REV. 4: added Rohs compliant – GT 3/12/10