

Part Number: C5804

Revision Level: 07

Date: February 14, 2011

1C 18 SOLID BCCS FOAM PE, OAS PE (FLOODED) PVC

RG-6/U TYPE COAXIAL CABLE

A. CONSTRUCTION

DIAMETERS

- | | | |
|----------------------|---|-------------------|
| 1) CONDUCTOR: | #18 AWG Solid Bare Copper-Clad Steel | 0.040" nom. |
| 2) INSULATION: | 0.070" Wall Foamed Polyethylene | 0.180" nom. |
| 3) TAPE: | Aluminum/Polyester/Aluminum - Bonded | 0.185" nom. |
| 4) BRAID: | 34 AWG Aluminum Braid - 60% Nom. Coverage | 0.212" nom. |
| 5) FLOODED COMPOUND: | Petroleum Based Flooding Compound | |
| 6) JACKET: | 0.032" Wall Polyethylene, Color: Black | 0.270" +/- 0.010" |
| 7) PRINT LEGEND: | CAROL(R) -- C5804 -- RG6/U TYPE 75 OHM COAXIAL CABLE—1C 18 AWG
 SWEPT TO 3GHZ - FLOODED UNDER GROUND — MADE IN USA –
 (DATE CODE + SEQ FT EVERY 2FT) | |

B. INDUSTRY APPROVALS

NONE

C. ELECTRICAL PROPERTIES

- | | |
|--------------------------------------|--------------------------------|
| 1) TEMPERATURE RATING: | -65C To +80C |
| 2) SUGGESTED WORKING VOLTAGE (Vrms): | 300V Max |
| 3) CONDUCTOR D.C. RESISTANCE: | 28.9 Ohms/1000 ft. nom. @ 20 C |
| 4) SHIELD D.C. RESISTANCE: | 9.00 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	0.26
10	0.81
50	1.46
100	2.05
200	2.83
500	4.53
1000	6.59
1450	8.10
1800	8.80
2200	10.10
3000	11.79

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

REV. 06: Transfer from Manchester 03/28/2003

Rev. 07: added RoHS, edit print legend add 3.0GHZ – 02/14/11-GT