

Part Number: **C5761**

Revision Level: **9**

Date: **October 5, 2012**

1C 18 SOLID BC FOAM PE, OA S, PVC

RG-6/U TYPE COAXIAL CABLE

A. CONSTRUCTION

		<u>DIAMETERS</u>
1)	CONDUCTOR: #18 AWG Solid Bare Copper	0.040" nom.
2)	INSULATION: 0.070" Wall Foamed Polyethylene	0.180" nom.
3)	TAPE: Aluminum/Polyester/Aluminum	0.185" nom.
4)	BRAID: Bare Copper - 95% Nom. Coverage	0.210" nom.
5)	JACKET: 0.032" Wall FR-PVC	0.274" +/- 0.010"
6)	PRINT LEGEND: CAROL(R) -- C5761 -- RG6/U TYPE 75 OHM COAXIAL CABLE — 1C 18 AWG E60233-F CL2 (UL) -- CATV -- CM C(UL)US — ROHS -- MADE IN USA - (DATE CODE + SEQ FT EVERY 2FT)	

B. INDUSTRY APPROVALS

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

C. ELECTRICAL PROPERTIES

1)	TEMPERATURE:	-20C TO +75 C
2)	SUGGESTED WORKING VOLTAGE (Vrms):	CL2/150V; CM/300V; CATV/60V
3)	CONDUCTOR D.C. RESISTANCE:	6.50 Ohms/1000 ft. nom. @ 20 C
4)	SHIELD RESISTANCE:	2.60 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

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

REV. 7: Transfer from Manchester December 18, 03

REV. 8: remove A from legend and revise print legend – GT 08/23/10

REV. 9: added ROHS to legend / 10/05/12 GT