General Cable Product Data Sheet

RoHS Compliant Directive 2002/95/EC

Part Number: C5775 Revision Level: 11 Date: 9/10/2008

1C 18 SOLID BCCS FMPE OAS PVC **RG 6/U TYPE COAXIAL CABLE**

A. CONSTRUCTION

		DIAMETERS
Conductor:	#18 AWG Solid Bare Copper-Clad Steel	0.040" nom.
Insulation:	0.070" Wall Foamed Polyethylene	0.180" nom.
Tape:	Aluminum/Polyester/Aluminum/Bonded	0.185" nom.
Braid	Aluminum Braid 60% Nom. Coverage	0.213" nom.
Jacket:	0.032" Wall Polyvinyl Chloride - Various Colors	0.277" +/- 0.010"
Print Legend:	***CAROL(R) C5775 RG6/U 75 OHM COAX--18 AWG 75C SWEPT TO 3 GHZ EXXXXX CL2--CATV--CM (UL) C(UL)*** ***(Ascending Seq. Mkgs. @ 3' intervals), (Date Code)***	

B. INDUSTRY APPROVALS

National Electrical Code	Article 800
UL Standard 444	Type CM (UL) c(UL)
National Electrical Code	Article 725
UL Standard 13	Type CL2
National Electrical Code	Article 820
UL Standard 1655	Type CATV

C. ELECTRICAL PROPERTIES

TEMPERATURE:	75 C
SUGGESTED WORKING VOLTAGE (Vrms):	CM (UL) c(UL)/300; CL2/150; CATV/60
CONDUCTOR D.C. RESISTANCE:	28.9 Ohms/1000 ft nom
SHIELD RESISTANCE:	9.0 Ohms/1000 ft nom
GROUND CAPACITANCE:	16.2p pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	75 Ohms @ 1MHz nom
VELOCITY OF PROPAGATION:	85.0 % nom.

ATTENUATION (NOM.):

Freq. (MHz)	dB/100 ft.
1	0.26
10	0.81
50	1.46
100	2.05
200	2.83
500	4.53

Freq. (MHz)	dB/100 ft.
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.