

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

Conductor: #18 AWG Solid Bare Copper-Clad Steel
 Insulation: 0.070" Wall Foamed Polyethylene
 Tape: Aluminum/Polyester/Aluminum/Bonded
 Braid: Aluminum Braid
 60% Nom. Coverage

DIAMETERS

0.040" nom.
 0.180" nom.
 0.185" nom.
 0.213" nom.

Jacket: 0.032" Wall Polyvinyl Chloride - Various Colors
 Print Legend: **CAROL(R) C5775 RG6/U 75 OHM COAX--18 AWG 75C SWEPT TO 3 GHZ EXXXXXX 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 (V _{rms}):	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