

Part Number: C5886

Revision Level: 11

Date: 7/24/2007

1C 18 SOLID BCCS FMPE OAS PVC (RISER)

RG 6/U TYPE COAXIAL CATV/DBS 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

DIAMETERS

0.040" nom.
 0.177" nom.
 0.182" nom.
 0.206" nom.

60% Nom. Coverage

Jacket: 0.031" Wall Polyvinyl Chloride

0.267" +/- 0.010"

Print Legend: **CAROL(R) C5886 RG6 75 OHM RISER COAX -- 18 AWG 75C SWEPT TO 3 GHZ EXXXXXX -- CL2R -- CATVR -- CMR (UL) C(UL)**
(Ascending Seq. Mkgs. @ 3' intervals), (Date Code)

B. INDUSTRY APPROVALS

National Electrical Code	Article 800
UL Standard 444	Type CMR (UL)C(UL)
National Electrical Code	Article 725
UL Standard 13	Type CL2R
National Electrical Code	Article 820
UL Standard 1655	Type CATVR

C. ELECTRICAL PROPERTIES

TEMPERATURE:	75C
SUGGESTED WORKING VOLTAGE (V _{rms}):	CMR(UL)C(UL) / 300V; CL2R / 150V; CATVR / 6
CONDUCTOR D.C. RESISTANCE:	28.9 Ohms/1000 ft. nom. @ 20C
SHIELD RESISTANCE:	9.0 Ohms/1000 ft. nom. @ 20 C
GROUND CAPACITANCE:	16.2 pF/ft. @ 1 kHz nom.
CHARACTERISTIC IMPEDANCE:	75 Ohms @ 1 MHz 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