

Part Number: C8030

Revision Level: 07

Date: 05/14/2012

**1C 20 SBC FOAM FEP OA BS, 2C 18 AWG BC PVC LS,
SIAMESE PLENUM PVC JKT**

**RG 59/U Type Coaxial & 2/C 18 AWG
Siamese CCTV- Plenum Cable**

A. CONSTRUCTION A

1) CONDUCTOR:	#20 AWG Solid Bare Copper	0.032" nom.
2) INSULATION:	0.0515" Wall Foamed Fluoropolymer	0.135" nom.
3) BRAID SHIELD:	Bare Copper Braid (95% Coverage)	0.162" nom.

B. CONSTRUCTION B

1) CONDUCTOR:	#18 AWG 7/.0152 Bare Copper	0.046" nom.
2) INSULATION:	0.007" Wall Plenum Polyvinyl Chloride	0.060" nom.
3) COLOR CODE	Black, Red	
4) CABLE:	2 conductors @ 2.00 LHL	0.120" nom.

C. FINAL CABLE

1) JACKET:	0.015" Wall LS-Plenum PVC	Major dim: 0.372" Nom Minor dim: (coax) 0.192" Nom Minor dim: (pair) 0.150" Nom
2) PRINT LEGEND:	CAROL (R) -- C8030 -- RG 59/U TYPE 75 OHM COAXIAL CABLE -- 1C 20 AWG + 2C 18 AWG CL2P (ETL) OR CMP c(ETL)us 75C 3084997 -- MADE IN USA (MFG CODE; MM/YY & TRU-MARK SEQ. FT. MKGS)	

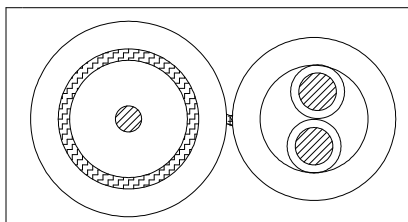
D. INDUSTRY APPROVALS

UL Standards 13
National Electric Code
UL & CSA Standards 444
National Electric Code
EU 2002/95/EC

Type CL2P (ETL)
Article 725
Type CMP c(ETL)us
Article 800
RoHS Compliant

E. ELECTRICAL PROPERTIES

1) TEMPERATURE:	-10C to +75C
2) SUGGESTED WORKING VOLTAGE (Vrms):	300V MAX
3) CONDUCTOR D.C. RESISTANCE A:	10.10 Ohms/1000 ft. nom. @ 20 C
4) CONDUCTOR D.C. RESISTANCE B:	6.65 Ohms/1000 ft. nom. @ 20 C
5) SHIELD RESISTANCE A:	2.6 Ohms/1000 ft. nom. @ 20 C
6) CAPACITANCE A:	16.3 pF/ft. @ 1 kHz nom.
7) CAPACITANCE B: (Conductor -Conductor)	24 pF/ft. @ 1kHz nom.
8) CHARACTERISTIC IMPEDANCE A:	75 Ohms @ 1 MHz nom.
9) ATTENUATION (A):	



FREQ. (MHz)	dB/100 ft.
1	0.25
10	0.78
50	1.98
100	2.80
200	4.10
360	5.63
500	6.82
1000	9.64

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

Rev. 4: correct ins thickness (A) from .065 to .0515, cond res from 5.6 to 6.65 ; shield resistance (A) from 1.9 to 2.6, add drawing, remove jacket color white, change cond from 18 7/26 to 18 7/.0152 change overall dimensions accordingly fix attn table and add rohs – GT 04/21/2010

Rev. 5: revise diameter tolerances to Nom / GT 08/04/2010

Rev.6: change to ETL and Tru-Mark print legend – GT 06/16/11

Rev. 7: added CL2P GT/ 5/14/12