

Part Number: C4083A

Revision Level: 04

Date: May 17, 2004

6C 22 7/30 TC SR-PVC & 2C 18 16/30 TC PVC PVC

COMMUNICATION CABLE

A. CONSTRUCTION

DIAMETERS

1)	CONDUCTOR-A:	#22 AWG 7/30 Tinned Copper	0.030" nom.
2)	INSULATION-A:	0.010" Wall Semi-Rigid Polyvinyl Chloride	0.050" nom.
3)	COLOR CODE-A:	1. Red 2. Lt. Green 3. Lt. Brown 4. Lt. Blue 5. Orange 6. Yellow	
4)	CONDUCTOR-B:	#18 AWG 16/30 Tinned Copper	0.048" nom.
5)	INSULATION-B:	0.016" Wall Polyvinyl Chloride	0.080" nom.
6)	COLOR CODE-B:	1. Black 2. White	
7)	CABLE:	8 conductors @ 3.00" LHL.	0.197" nom.
8)	JACKET:	0.032" Wall Polyvinyl Chloride – Gray	0.263" +/- 0.008"
9)	PRINT LEGEND:	CAROL (R) 6C 22 AWG & 2C 18 AWG - - C4083 - - 75C E111240-8 CM (UL) C (UL) OR AWM STYLE 2464 - - - CSA LL69381 CMG - - MADE IN USA (DATE CODE)	

B. INDUSTRY APPROVALS

National Electrical Code	Article 800
UL Standard 444	Type CM
UL Standard 758	AWM Style 2464
CSA International	Type CMG

C. ELECTRICAL PROPERTIES

1)	TEMPERATURE:	75 C
2)	SUGGESTED WORKING VOLTAGE (Vrms):	300Vrms
3)	CONDUCTOR D.C. RESISTANCE-A (22 AWG):	16.6 Ohms/1000 ft. nom. @ 20 C
4)	MUTUAL CAPACITANCE-A:	25 pF/ft. @ 1kHz nom.
5)	CHARACTERISTIC IMPEDANCE-A:	78 Ohms @ 1 MHz nom.
6)	CONDUCTOR D.C. RESISTANCE-B (18 AWG):	7.2 Ohms/1000 ft. nom. @ 20 C
7)	MUTUAL CAPACITANCE-B:	28 pF/ft. @ 1kHz nom.
8)	CHARACTERISTIC IMPEDANCE-B:	74 Ohms @ 1 MHz nom.

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