

Part Number: C0656A

Revision Level: 00

Date: June 20, 2005

8P 22 7/30 TC SR-PVC OAS PVC

COMMUNICATION CABLE

A. CONSTRUCTION

DIAMETERS

1)	CONDUCTOR:	#22 AWG 7/30 Tinned Copper	0.030" nom.
2)	INSULATION:	0.010" Wall Semi Rigid Polyvinyl Chloride	0.050" nom.
3)	COLOR CODE:	1. Black-Red 2. Black-White 3. Black-Green 4. Black-Blue 5. Black-Yellow 6. Black-Orange 7. Black-Brown 8. Red-White	
4)	TWIN	16 Conductors into 8 Pairs @ 2" LHL	0.100" nom.
5)	CABLE:	8 Pairs @ 4.00" LHL with aluminum/polypropylene (foil out)	0.269" nom.
6)	BRAID	34 AWG Tinned Copper Braid 65% Nom. Coverage	0.304" nom.
7)	JACKET:	0.016" Wall Polyvinyl Chloride – Gray	0.368" +/- 0.018"
8)	PRINT LEGEND:	<i>CAROL (R) 22 AWG - - C0656A - - 75C E111240-8 CMR(UL)C(UL) OR 80C AWM STYLE 2464 300V --- CSA LL69381 CMG - - MADE IN USA (DATE CODE- -PRINT EVERY 3 FEET)</i>	

B. INDUSTRY APPROVALS

National Electrical Code	Article 800
UL Standard 444	Type CMR(UL)C(UL)
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:	16.6 Ohms/1000 ft. nom. @ 20 C
4)	SHIELD RESISTANCE:	3.8 Ohms/1000 ft. nom. @ 20 C
5)	MUTUAL CAPACITANCE:	26.2 Pf/ft. @ 1kHz nom.
6)	GROUND CAPACITANCE:	47.2 Pf/ft. @ 1kHz nom.
7)	CHARACTERISTIC IMPEDANCE:	76 Ohms @ 1 MHz nom.

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