

PRODUCT DATA SHEET

Part Number: C2534

Revision Level: 07

Date: June 1, 2004

2C 18 16/30 TC PE OAS PVC

COMMUNICATION CABLE

A. CONSTRUCTION

DIAMETERS

1)	CONDUCTOR:	#18 AWG 16/30 Tinned Copper	0.048" nom.
2)	INSULATION:	0.016" Wall Polyethylene	0.080" nom.
3)	COLOR CODE:	Black, Natural	
4)	CABLE:	2 conductors @ 2.50" LHL with aluminum/polypropylene (foil out) & # 22 7/30 TC drain wire.	0.165" nom.
5)	JACKET:	0.020" Wall Polyvinyl Chloride – Gray	0.205" +/- 0.005"
6)	PRINT LEGEND:	<i>CAROL (R) 18 AWG - - C2534 - - 75C E111240-8 CM (UL) C(UL) CMH OR AWM STYLE 2092 - - MADE IN USA (DATE CODE)</i>	

B. INDUSTRY APPROVALS

National Electrical Code	Article 800
UL Standard 444	Type CM
UL Subject 758	AWM Style 2092
Canadian Standards Association	Type CMH

C. ELECTRICAL PROPERTIES

1)	TEMPERATURE:	75 C
2)	SUGGESTED WORKING VOLTAGE (Vrms):	300Vrms
3)	CONDUCTOR D.C. RESISTANCE:	7.2 Ohms/1000 ft. nom. @ 20 C
4)	SHIELD RESISTANCE:	6.2 Ohms/1000 ft. nom. @ 20 C
5)	MUTUAL CAPACITANCE:	26 pF/ft. @ 1kHz nom.
6)	GROUND CAPACITANCE:	47 pF/ft. @ 1kHz nom.
7)	CHARACTERISTIC IMPEDANCE:	60 Ohms @ 1 MHz nom.

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

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