General Cable Product Data Sheet

Part Number: E2504S	Revision Level: 5	Date: 10/26/2007

4C 18 SOLID BC SR-PVC OAS PVC **Fire Alarm/Life Safety Cable**

A. CONSTRUCTION

		DIAMETERS
Conductor:	#18 AWG Solid Bare Copper	0.040” nom.
Insulation:	0.010” Wall Semi Rigid Polyvinyl Chloride	0.060” nom.
Cable:	4C @ 2.50” LHL with polyester wrap AL / PE tape, & #22 AWG 7/30 TC DW	0.153” nom.
Jacket:	0.015” Wall Polyvinyl Chloride - Red	0.183" +/- 0.009"
Print Legend:	***CAROL (R) 18 AWG - - E2504S - - TYPE FPLR 75C E66267-8 (UL) - - MADE IN USA (DATE CODE & SEQUENTIAL FOOTAGE 1000’ TO 0’)***	

B. INDUSTRY APPROVALS

National Electrical Code	Article 760
UL Standard 1424	Type FPLR

C. ELECTRICAL PROPERTIES

TEMPERATURE:	75C
SUGGESTED WORKING VOLTAGE (Vrms):	300V
CONDUCTOR D.C. RESISTANCE:	6.4 Ohms/1000 ft nom
SHIELD RESISTANCE:	3.9 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	45.68 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	82.22 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	41.3 Ohms @ 1MHz nom

D. COLOR CODE *(Listed as Individual Conductors or Pairs of Conductors)*

1	Black
2	Red
3	Brown
4	Blue

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