General Cable Product Data Sheet

RoHS Compliant Directive 2002/95/EC

Part Number: C0497 Revision Level: 1 Date: 10/26/2007

4C 12 SOLID BC PP OAS PVC **Fire Alarm/Life Safety Cable**

A. CONSTRUCTION

		DIAMETERS
Conductor:	#12 AWG Solid Bare Copper	0.081” nom.
Insulation:	0.020” Wall Polypropylene	0.121” nom.
Cable:	4C @ 3.50” LHL with mylar wrap, AL / PE & # 22 7/30 TC DW	0.297” nom.
Jacket:	0.020” Wall Polyvinyl Chloride – Red	0.337" +/- 0.017"
Print Legend:	***CAROL (R) 12 AWG - - C0497A - -TYPE FPL 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 FPL

C. ELECTRICAL PROPERTIES

TEMPERATURE:	60C
SUGGESTED WORKING VOLTAGE (Vrms):	300V
CONDUCTOR D.C. RESISTANCE:	1.6 Ohms/1000 ft nom
SHIELD RESISTANCE:	4.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	28.73 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	51.71 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	51.9 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.