

Part Number: C0497

Revision Level: 1

Date: 10/26/2007

4C 12 SOLID BC PP OAS PVC

Fire Alarm/Life Safety Cable

A. CONSTRUCTION

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:	<i>CAROL (R) 12 AWG - - C0497A - -TYPE FPL E66267-8 (UL)- - MADE IN USA (DATE CODE & SEQUENTIAL FOOTAGE 1000' TO 0')</i>	

DIAMETERS

B. INDUSTRY APPROVALS

National Electrical Code	Article 760
UL Standard 1424	Type FPL

C. ELECTRICAL PROPERTIES

TEMPERATURE:	60C
SUGGESTED WORKING VOLTAGE (V _{rms}):	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