

Part Number: C0476

Revision Level: 1

Date: 10/26/2007

2C 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:	2C @ 2.75" LHL with mylar wrap, AL / PE & # 18 AWG 16/30 TC	0.247" nom.
Jacket:	0.020" Wall Polyvinyl Chloride – Red	0.287" +/- 0.014"
Print Legend:	CAROL (R) 12 AWG - - C0476A - - 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 (V _{rms}):	300V
CONDUCTOR D.C. RESISTANCE:	1.6 Ohms/1000 ft nom
SHIELD RESISTANCE:	4.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	32.67 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	58.81 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	46.6 Ohms @ 1MHz nom

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

1	Black
2	Red