

General Cable Product Data Sheet

Part Number: E3632S

Revision Level: 3

Date: 10/26/2007

2C 12 SOLID BC FLEX OAS FLEX

Fire Alarm/Life Safety Cable

A. CONSTRUCTION

DIAMETERS

Conductor:	#12 AWG Solid Bare Copper	0.081" nom.
Insulation:	0.012" Wall FLEXGUARD*	0.105" nom.
Cable:	2C @ 2.75" LHL with AL / PE & # 18 AWG 16/30 TC DW	0.222" nom.
Jacket:	0.015" Wall FLEXGUARD* - Red	0.252" +/- 0.013"
Print Legend:	CAROL (R) 12 AWG - - E3632S - - 75C TYPE FPLP E66267-8 (UL) - - MADE IN USA (DATE CODE & SEQUENTIAL FOOTAGE 1000' TO 0')	

B. INDUSTRY APPROVALS

National Electrical Code
UL Standard 1424

Article 760
Type FPLP

C. ELECTRICAL PROPERTIES

TEMPERATURE:	75C
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:	75.48 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	135.86 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	27 Ohms @ 1MHz nom

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

1	Black
2	Red

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

*FLEXGUARD is a trademark of General Cable Corporation for polymer alloy insulation and jackets.