16/2C STRANDED UNSHIELDED FPLR

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GENERAL INFO

Fire alarm systems have expanded from a rather simple and unsophisticated business configured upon large, electro-mechanical devices to one relying upon the most modern technologies of microprocessor and chip technology. More and more end users— industrial, commercial as well as consumer—are relying upon these emerging systems to protect both property and life. These systems are only as good as their weakest component, whether that component be a processor or interconnecting wire and cable. It is General Cable's charter that all products supplied for use in these and any other systems shall be constructed of only the finest available materials, and provide the service and assurance that the end user not only needs, but requires. Aside from the quality materials used in these designs, specifiers and end users of Carol® Brand wire and cable products have come to expect that these cables are registered and certified with the leading regulatory agencies such as Underwriters Laboratories … and we haven't let you down! These designs have proven themselves in the area of fire system security over time; all are fabricated with solid, bare copper conductors and insulations and jackets of premium-grade PVC. Offered both with and without shields, the former to protect these critical circuits from noise, these cables will provide the latest in available technology for the system installer and contractor. General Cable Carol Brand products are conveniently packaged in 1000' or 500' lengths to assist the installer.

PRODUCT RANGE GENERAL INFORMATION

Conductor material	Copper
Nominal voltage U [V]	300

STANDARDS AND APPROVALS

RoHS Compliant Directive 2011/65/EU

ITEM DETAILS

AWG / Kcmil	16
Conductor category	Class 1 = solid
Nominal outer diameter [inch]	0.18

APPLICATION PROPERTIES

Product name	16/2C STRANDED UNSHIELDED FPLR
Conductor resistance at operation temperature [mOhm/ft]	
Nominal thickness insulation [inch]	0.01
Nominal outer diameter [inch]	0.18
Nominal operation capacitance [pF/ft]	
Screen DC resistance [mOhm/ft]	
Nominal thickness insulation [mm]	0.25
Nominal outer diameter [mm]	4.37