

## 2x18 AWG FPLR Unshielded Fire Alarm and Control Cable

### POWER & CONTROL

**P/N 70018U2103**

#### INDUSTRY

### Applications

Short-range low-frequency signals, Fire alarm, Indoor



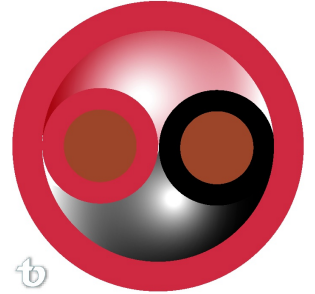
Outer Jacket Material  
FR-PVC



Outer diameter  
4.0 mm nom.



Weight  
25 kg/km



### General Construction

1 twisted pair is jacketed.

### Design & Materials

|                                 |                      |
|---------------------------------|----------------------|
| Conductor Material              | Annealed Bare Copper |
| Conductor Size (mm)             | 1.02                 |
| Conductor Construction          | Solid                |
| Insulation Material             | PP                   |
| Insulation O.D. (mm nom)        | 1.45                 |
| Conductor Color Code            | Red x Black          |
| Total Number Of Conductors      | 2                    |
| Rip-Cord                        | Yes                  |
| Outer Jacket Thickness (mm nom) | 0.5                  |
| Outer Jacket Color              | Red                  |
| Marking                         | Per request          |

### Performance

|                                          |      |
|------------------------------------------|------|
| Max. DC Resistance ( $\Omega$ /km@20°C)  | 22   |
| Mutual Capacitance - Core to Core (pF/m) | 70   |
| Inductance                               | 0.5  |
| Dielectric Strength (V/minute)           | 1000 |
| Voltage Rating (V)                       | 300  |
| Min. Bend Radius (mm)                    | Dx6  |
| Min. Operating Temperature (°C)          | -15  |
| Max. Operating Temperature (°C)          | +75  |

### Standards

Flammability Rating  
UL CMR

Applicable Standards  
RoHS 3 2015/863/EU





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