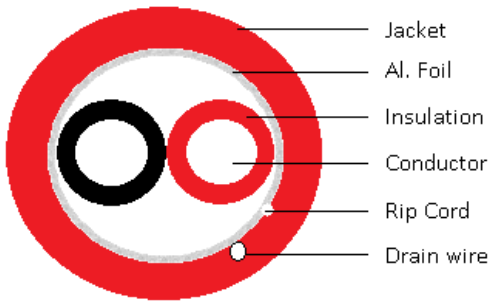


Fire Alarm Cable



Product Overview

Alston Systems, Fire Alarm cables are constructed with Flame Retardant Low Smoke Zero Halogen (LSZH) outer jacket with aluminum foiling. It is tough, durable and dress able essential systems cables which are easy to install and terminate. It works in high temperature levels. The standard length available is 500 Meter/Roll & other lengths can be manufactured upon request.

Applications

- Voice alarm systems.
- Emergency and escape lighting.
- Fire detection and fire alarm systems for buildings.

Cable Properties

| Properties | No. of cores/ mm ² | 2C/1.5 | 2C/2.5 | 4C/1.5 | 4C/2.5 |
|-------------------------|-------------------------------|--------------------------|--------------------|---------------------------|--------------------|
| Conductor | Structure | 1/1.38mm | 1/1.78mm | 1/1.38mm | 1/1.78mm |
| | OD | 1.5mm ² | 2.5mm ² | 1.5mm ² | 2.5mm ² |
| | Material | Bare Copper | | | |
| Insulation | Thickness | 0.5mm | | | |
| | OD | 2.4±0.1mm | | 2.4±0.1mm | 2.8±0.1mm |
| | Material | PP | | | |
| | Color | Red, Black | | Red, Black, Green, Yellow | |
| Rip Cord | Material | Nylon Yarn | | | |
| Screen | Material | Laminated Aluminium Tape | | | |
| Shield | Drain wire | 0.5mm Tinned Copper | | | |
| | Tape | Al. Foil | | | |
| Jacket | Thickness | 0.8mm | | | |
| | OD | 7.2mm | 7.8mm | 8.0mm | 8.8mm |
| | Material | LSZH | | | |
| | Color | Red | | | |
| Conductor DC Resistance | | 13.5 Ω/Km | 7.5 Ω/Km | 13.5 Ω/Km | 7.5 Ω/Km |

Technical Properties

| | |
|------------------------|--|
| Operating voltage | 300V/500V |
| Test voltage | 2000V |
| Insulation resistance | >200 |
| Flame Retardancy | IEC/EN 60332-1 (PH 30) |
| Smoke Density | IEC/EN 60754-1 |
| Minimum Bending Radius | Fixed: 8xCable Diameter, Flexible: 15xCable Diameter |
| Other Standards | CL3R, CL2R, CL3, CL2 [UL 13:2015 Ed.4 +R:03May2018] |

Ordering Information

| Part Number | Description |
|-------------|---|
| CMX-2015 | Alston Systems, Fire Alarm Cable 2Core, 1.5mm ² , 500Mtr/ Roll |
| CMX-2025 | Alston Systems, Fire Alarm Cable 2Core, 2.5mm ² , 500Mtr/ Roll |
| CMX-4015 | Alston Systems, Fire Alarm Cable 4Core, 1.5mm ² , 500Mtr/ Roll |
| CMX-4025 | Alston Systems, Fire Alarm Cable 4Core, 2.5mm ² , 500Mtr/ Roll |