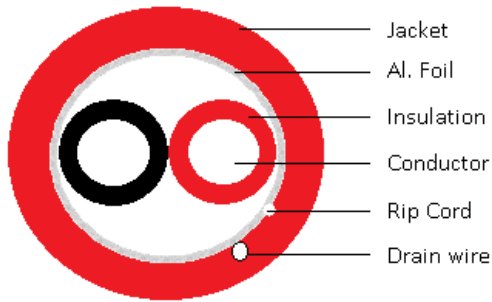


Fire Alarm Cable



Product Overview

Alston Systems, Fire Alarm cables are constructed with Flame Retardant Low Smoke Zero Halogen (LSZH) outer jacket with aluminum foiling. It's 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	2.8±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 Temperature	-30°C and +70°C
Operating voltage	300V/500V
Test voltage	2000V
Insulation resistance	>200
Flame Retardancy	IEC/EN 60332-1 (PH 120)
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-201X	Alston Systems, Fire Alarm Cable 2Core, 1.5mm ² , 500Mtr/ Roll
CMX-202X	Alston Systems, Fire Alarm Cable 2Core, 2.5mm ² , 500Mtr/ Roll
CMX-401X	Alston Systems, Fire Alarm Cable 4Core, 1.5mm ² , 500Mtr/ Roll
CMX-402X	Alston Systems, Fire Alarm Cable 4Core, 2.5mm ² , 500Mtr/ Roll

Note: "X" denotes the color of the cable. (5-Red, 6-White)