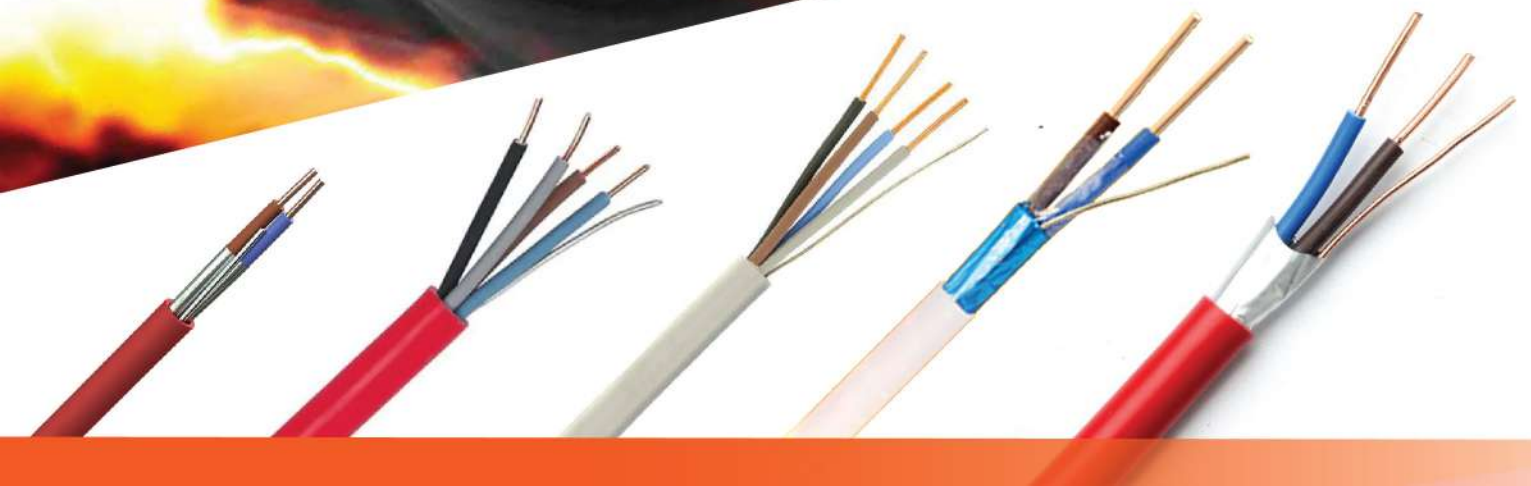
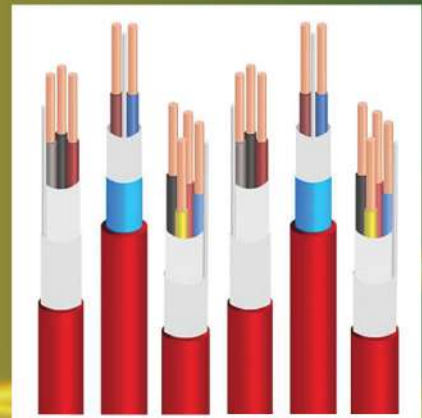




ACCUREX

Technical Catalogue

Fire Resistant Cables



INTRODUCTION

Accurex Fire Systems is a Netherland based company founded as design engineering company. Now it has become a global leader in supplying full range of products covering Emergency lighting system, Fire prevention and extinguishing systems for industrial, commercial and residential applications. The main office is located in Amsterdam and having worldwide channel partners to source and distribute best quality equipment.

Our offered products are accredited by prestigious international agencies like UL/FM, Kitemark etc. We are committed to provide best quality and high-end products. All our engineers are fully trained, qualified and experienced within their respective fields. At Accurex, we ensure that product & equipment training provides our engineers with the most up-to-date knowledge in the field of Fire & Security systems.




Accurex Fire resistant cables are intended for applications requiring circuit integrity during a fire, such as;

1. Fire and smoke detector systems
2. Voice Evacuation system
3. Telephone jack system
4. Emergency lighting system
5. Alarm horns
6. Smoke exhaust system for aeration and ventilation.

Key Benefits

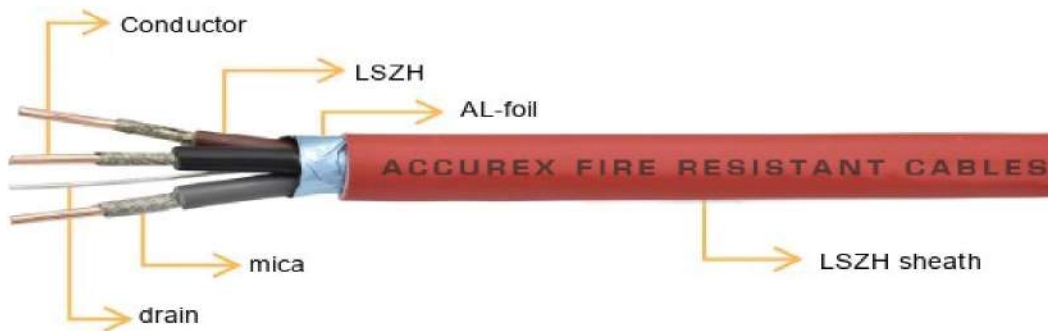
- Fast to install with superb working flexibility
- Twisted conductors for added data protection
- Red & White outer sheaths available
- 100mtr & 500mtr lengths available
- Conductor sized available 1.0mm², 1.5mm²& 2.5mm²
- Aluminum foil screen for EMC protection
- Low smoke & zero halogen
- Voltage rating 300V/500V

Technical Specification

Number of cores	Model No.	Nominal cross section (mm ²)	Fire Resistant Layer	(mm) Nominal thickness of insulation	CPC drain(mm ²)	Shield Layer	Nominal of sheath (mm)	Approx. overall diameter (mm)		Max. Conductor Resistance at 20°C Ω/KM	picture
								Min.	Max		
2	ACCUREX 210	1.0	Mica tape	0.6	0.5	AL-MYLAR Tape	0.9	7.9	9.7	18.1	
	ACCUREX 215	1.5	Mica tape	0.7	0.5	AL-MYLAR Tape	0.9	8.6	10.6	12.1	
	ACCUREX 225	2.5	Mica tape	0.8	0.5	AL-MYLAR Tape	1.0	9.9	12.1	7.41	

Fire Resistance Cable

Accurex Fire resistant cables are designed to maintain circuit integrity for 120 Min. of that vital safety and rescue equipment during the fire. In addition to maintaining circuit integrity under fire conditions, Accurex Fire resistant cables have limited evolution of smoke and corrosive gases when assessed under the fire conditions, thus safeguarding human life and protecting equipment.



Conductor Material	Solid or multi stranded copper conductor
Fire Resistant Barrier	Mica Tape
Insulation	LSZH
Insulation Color	brown and blue, brown & black, grey
Jacket	LSZH
Color	Red or optional
Operating Voltage	300/500V
Operating temperature	-40°C-+90°C
Fire Resistant Test	EN50200:2015 PH120、 BS6387 CWZ

Features:

- Approved as per the standards of UL – US & EN50200-2015 PH120
- Circuit integrity for 120 minutes in the event of fire
- Great combination of rigidity, ease of bending and stripping.
- Excellent for voice and data transmission characteristics
- Easy termination
- Easy installation
- Flame retardant
- Fully screened
- Moisture resistant



Accurex Fire Systems

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