

FIRE ALARM CABLE

RELIABLE CONNECTIONS WHEN IT MATTERS MOST

www.advancecable.in



Our fire-resistant cables keep circuits intact during a fire, ensuring safe evacuation without harmful smoke or toxic gases.

Safety you can count on when it matters most.



Features

- Fire resistance
- Long-term circuit integrity in a fire
- Low smoke and toxic gas emission.
- Flame retardant properties
- Zero halogen gases
- Ease and low cost of installation

CONSTRUCTION DETAILS :

(1) CONDUCTOR

Tinned/Bare Copper as per BS - 6360/IEC-60228, IS:8130

(2) HEAT BARRIER/FIRE PROOF LAYER

Glass Mica Tape Wrapped Over Conductor

(3) VOLTAGE RATING

Upto 1100V

(4) TEMPERATURE RATING

- (a) Operating Temperature : -40°C to +90°C
- (b) Short Circuit Temperature : Up to +250°C

(5) INSULATION

XLPE/SILICON RUBBER/HRPVC/LSZH/CSP/EPR

(6) SCREENING (IF REQUIRED)

- (a) Aluminium Mylar Tape Screening
- (b) Copper Tape/Wire Screening
- (c) Tinned Copper Braiding

(7) INNER SHEATH

PVC/LSZH/CSP/ FRLS PVC/FR PVC/ Extruded Black
PVC Type ST2 as per IS: 5831/84

(8) ARMOUR

- (a) Galvanised Steel Wire/Flat Strip Armour
- (b) Galvanised Steel Wire Braiding
- (c) Tape Armour (Galvanised Steel/Copper/ Aluminium)

(9) OUTER SHEATH

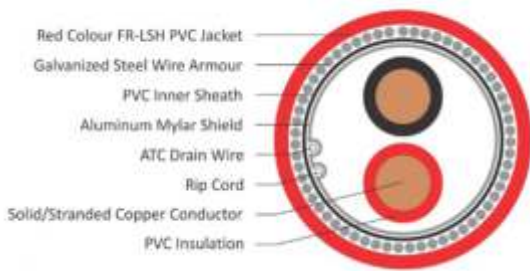
PVC/LSZH/CSP/FRLS PVC/ FR PVC/ Extruded FR-LSH
PVC Type ST2 as per IS: 5831/84

[We provide custom cable designs, specifically crafted to suit your project or customer needs](#)

(10) FLAMMABILITY PROPERTIES

- a) Oxygen Index Min. 29% as per ASTM D- 2863
- b) Temperature Index Min. 250°C as per ASTM D- 2863
- c) Smoke Density Range Max. 60% as per ASTM D- 2843
- d) Acid Gas Generation Max. 20% as per IEC- 60754- 1
- e) Flammability Test As per IEC:60332-1/2

CROSS-SECTIONAL VIEW



APPLICATIONS

- Fire alarm armoured/unarmoured un-shielded multi core cables are used in various buildings and institutions.
- Common applications include high-rise buildings, commercial complexes, schools, educational institutions, and hospitals.
- These cables connect security systems like smoke detectors, emergency lighting, exit signboards, and fire command centers.
- They are essential in locations where fire safety is a top priority.





Corporate Office :

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MANUFACTURING FACILITIES

Unit - 1

Plot No. 10 & 14,
KIADB Industrial Area,
Bashettihalli,
Doddaballapur Industrial Area,
Bangalore - 561203

Unit - 2

Plot No. 20 P2, SY No. 79(P)
Veerapura Village,
Doddaballapur Industrial Area,
Bangalore - 561203

Unit - 3

SW 32 & 33 (P1), A - P II Phase,
Kasaba Hobli
Doddaballapur Industrial Area,
Bangalore - 561203