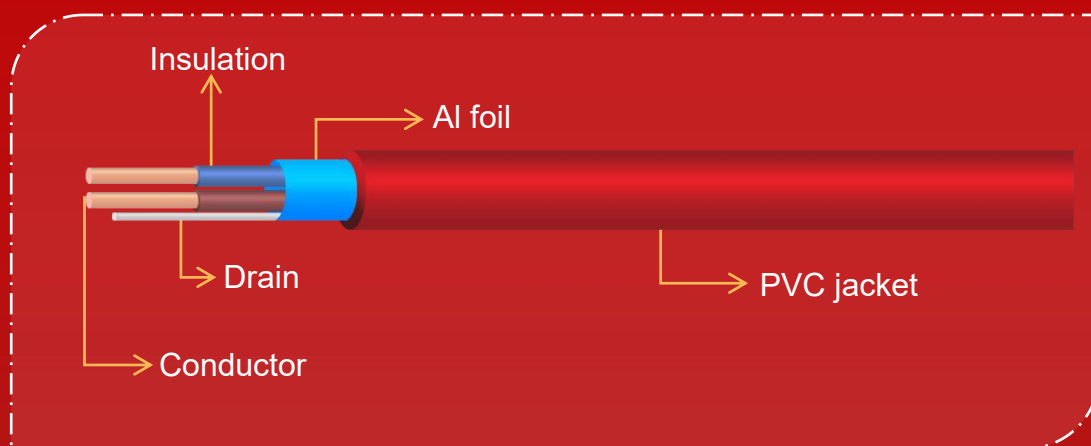




Shenzhen Lilutong Technology Industry Co., Ltd

## UL LISTED FIRE ALARM CABLE



Outer sheath color:



2 cores:



3 cores:



4 cores:



5 cores:



6 cores:



7 cores:



8 cores:



### Advantage:

- \* Cable is lightweight, easy to install and covering a small area.
- \* The insulation material, filling material and sheath with high flame retardant performance.
- \* Cable has strong self-extinguishing property.
- \* Comply with the requirements of UL1424 & UL1581 fire protection standard.
- \* Single & stranded annealed copper conductor meet customer requirements for bending.

### Product Property:

- \* 25AWG-12AWG: conductor according to UL 1581
- \* Insulation: Flame retardant PVC
- \* Circuit Protective Conductor, Tinned Copperp
- \* Overall Screen: AL/PET (Aluminium/Polyester Tape),
- \* Sheath: Flame retardant PVC
- \* Temperature Rating: -20°C~+105°C
- \* Voltage Rating: 300V
- \* Withstand voltage test : DC: 2500V / 2S, no breakdown
- \* Minimum insulation resistance : 100 MΩ/KFT at 15.6°C
- \* Maximum resistance: 8.45 Ohms/KM at 20C



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## UL LISTED FIRE ALARM CABLE



### Overview

UL fire alarm cables are mainly used for emergency lighting, fire observation, signal sensing system, blower system, communication call system, control equipment system, fire pump and fire alarm system circuit cables, etc. Cable is intended for use in vertical runs in a shaft, or for installations in which the cable penetrates more than one floor, as specified in section 760-154(B) of the National Electrical Code ANSI/NFPA 70.

### parameter

| Cable     | No.of cross & section(AWG) | Rated Aoltage Uo/U | Conduct or structure (AWG) | conductor Resistance at 20°C:Ω/KM | Numbe r of cores | insulati on materi al type | Binding Tape | Overall diameter (mmmin max) | Aheath material type | Select color |
|-----------|----------------------------|--------------------|----------------------------|-----------------------------------|------------------|----------------------------|--------------|------------------------------|----------------------|--------------|
| LLT-FR001 | 2C*24AWG+AL+E              | 300/300            | 1/0.511                    | 93.8                              | 2                | PVC                        | AL tape      | 3.6                          | PVC                  | red/white    |
| LLT-FR002 | 2C*20AWG+AL+E              | 300/300            | 1/0.813                    | 36.4                              | 2                | PVC                        | AL tape      | 4.6                          | PVC                  | red/white    |
| LLT-FR003 | 2C*18AWG+AL+E              | 300/300            | 1/1.02                     | 21.4                              | 2                | PVC                        | AL tape      | 4.9                          | PVC                  | red/white    |
| LLT-FR011 | 3C*16AWG+AL+E              | 300/300            | 1/1.29                     | 13.5                              | 3                | PVC                        | AL tape      | 5.8                          | PVC                  | red/white    |
| LLT-FR012 | 3C*14AWG+AL+E              | 300/300            | 1/1.63                     | 8.45                              | 3                | PVC                        | AL tape      | 6.7                          | PVC                  | red/white    |
| LLT-FR013 | 3C*12AWG+AL+E              | 300/300            | 1/2.05                     | 5.31                              | 3                | PVC                        | AL tape      | 7.6                          | PVC                  | red/white    |
| LLT-FR019 | 4C*14AWG+AL+E              | 300/300            | 1/1.63                     | 8.45                              | 4                | PVC                        | AL tape      | 7.4                          | PVC                  | red/white    |
| LLT-FR020 | 4C*12AWG+AL+E              | 300/300            | 1/2.05                     | 5.31                              | 4                | PVC                        | AL tape      | 8.5                          | PVC                  | red/white    |
| LLT-FR021 | 4C*24AWG+AL+E              | 300/300            | 1/2.59                     | 3.34                              | 4                | PVC                        | AL tape      | 10.0                         | PVC                  | red/white    |
| .....     | .....                      | .....              | .....                      | .....                             | .....            | .....                      | .....        | .....                        | .....                | .....        |



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