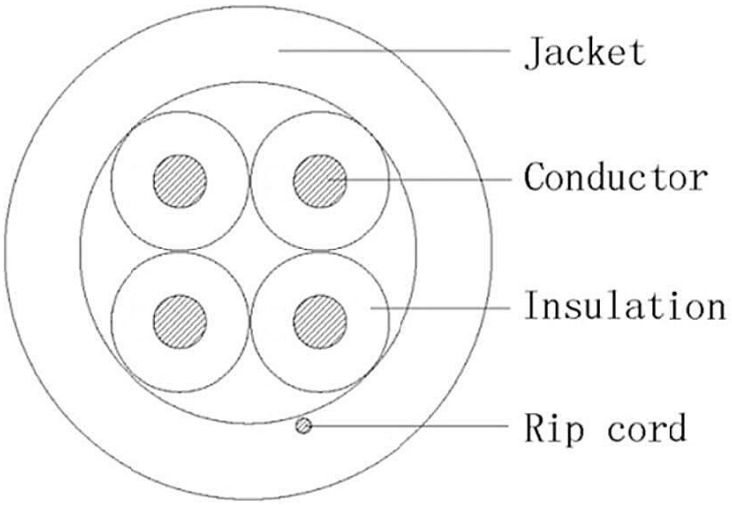
FIRE ALARM CABLE 18AWG 4 CONDUCTOR UNSHIELDED

DATE: 2024/8/9

Cross Section



Description

Fire Alarm Cable, 18/4, Solid Copper, Unshielded, FPLR, 305M Wooden Spool.

Features

- Fire Alarm Cable
- FPLR (Power-Limited Fire Alarm Riser Cable)
- Fire protective signal circuit
- 18AWG 4 Conductor
- 100% Solid Bare Copper Conductors
- Unshielded
- cETLus Listed, RoHS Compliant
- 305M Wooden Spool

Applications

Power limited fire alarm and communications cable for Riser and Non-Riser applications. Fire Alarm, Fire Protective Circuits,Smoke Detectors, Monitor/Detection, Signal, Control Circuits, Initiating Circuits, and Notification Circuits.

Technical Data

Standard(s): cETLus - Cables For Power-Limited Fire-Alarm Circuits [UL 1424:2015 Ed.4]
UL 1424, Power-Limited Circuit Fire Alarm Cable、UL 13, Power Limited Circuit Cable
NEC Article 760 and 725;NFPA 262(UL 910)

Construction

Conductor	Solid Bare Copper
AWG	18
Conductor Dia. (±0.003mm)	1.02
Insulation	PVC
Color	Red / Black / White / Green
Average Thickness(mm)	0.240
Insulation Dia.(±0.05mm)	1.50
Twisted Pair Dia.(±0.1mm)	3.80
Jacket	LSZH
Average Thickness(mm)	0.50
Outer Dia.(±0.1mm)	4.60
Rip Cord	Yes

Performance

Rated Temperature (oC)	-20~75
Rated Voltage(V)	300
Jacket	LSZH
Aging before elongation (%)	≥150
Tensile strength before aging	13.8 Mpa
ageing condition	(100℃ 168h)
After aging biggest elongation rate (%)	≥150
Tensile strength after aging	11.7 Mpa
Cold Bend Test	-20℃ 4hours No Cracking

Jacket colors

Red / Per request

Packaging

305M Wooden Spool / Per request

Marking on Jacket

Per request