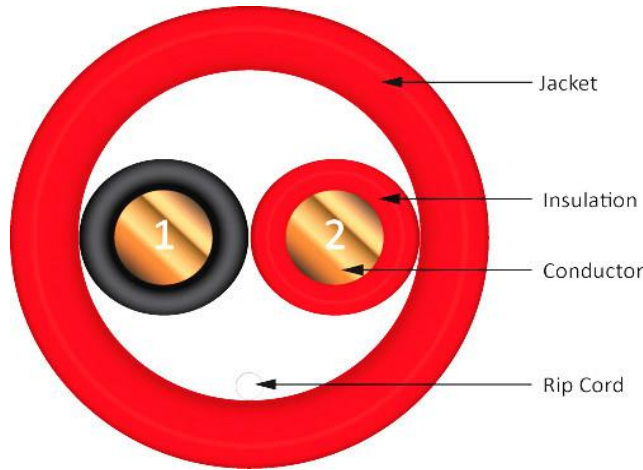


16AWG 2 CONDUCTOR FIRE ALARM CABLE UNSHIELDED

DATE: 2023/3/23

Cross Section



Description

Fire Alarm Cable, 16/2, Solid Copper, Unshielded, FPLR, 305M Wooden Spool.

Features

- Fire Alarm Cable
- FPLR (Power-Limited Fire Alarm Riser Cable)
- Fire protective signal circuit
- 16AWG 2 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): 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	16
Conductor Dia. (±0.005mm)	1.28
Insulation	PVC
Color	Black / Red
Average Thickness(mm)	0.260
Insulation Dia.(±0.05mm)	1.80
Twisted Pair Dia.(±0.02mm)	3.60
Jacket	PVC
Average Thickness(mm)	0.50~0.55
Outer Dia.(±0.2mm)	4.60
Rip Cord	Yes

Performance

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

Jacket colors

Red / Per request

Packaging

305M Wooden Spool / Per request

Marking on Jacket

Per request