2X18AWG

UL Listed Fire Alarm Cable



- Adopts solid or multiple strands of copper
- Made of high flame retardant UL105°C polyvinyl chloride insulation
- Additional aluminum foil or mylar tape to cover and discharge ground wire
- Wrapped with mica tape or fireproof tape, and the product structure design can be customized according to requirements
- High flame retardant UL105°C PVC jacket
- Resistant to sunlight

System Overview

Fire Alarm Cable is widely used in emergency lighting, fire observation, signal sensing sensor systems, supply and exhaust fan systems, communication and fire telephone systems, equipment control systems, fire pumps and fire alarm system circuit.

Ordering Information

Type	Part Number	Description
Fire Alarm Cable	2X18AWG	UL Listed Fire Alarm Cable

Technical Specification

Conductor	1/1.02±0.02 BC (bare copper)
Maximum Resistance	21.4 Ω/KM (20°C)
Insulation	Black and red PVC
Insulation Thickness	Average: 0.38 mm, minimum:0.33 mm
Drain Wire (Earth Wire)	1/0.5±0.008 tinned copper
Shield	Aluminum mylar
Jacket	Red PVC (UL 105° PVC-55P)
Outer Diameter	5.1 ± 0.3mm
Jacket Thickness	Average: 0.58 mm, minimum:0.46 mm
Rated Temperature	105°C (221°F)
Pressure Resistance Test	DC:2500V/2S
Minimum Insulation Resistance	100MΩ/KFT (15.6°C)
Flame Retardant Grade	VW-1
Certificate	UL listed

Dimensions (mm/inch)

