

Fire Alarm Cable



Technical data

- **Temperature range:** -40 °C to +105 °C
- **Max. rated voltage-UL:** 300 V RMS
- **Minimum bending radius**
10x cable diameter

Cable structure

- Conductor: solid bare copper
- PVC core insulation: 2 cores
- Insulation color: black and red
- Optional screen: Al-PET and drain wire
- PVC Sheath (Red)

Certificate

- UL Approval: UL1424 Power-Limited Fire-Alarm Circuit Cable, Type FPLR, rated 60, 75, 90 or 105°C.
- UL File Number: E334180

Application

The power limited fire alarm and communications cable is used for the wiring of fire alarm, smoke detectors, signaling, and fire protective circuits.

Conductor Diameter mm	AWG-no.	Outer Diameter mm	Copper Weight kg/km	Cable Weight kg/km	Max. Conductor Resistance Ohm/km
1.02	18	5.9	18.2	47.9	22.0
1.29	16	6.1	27.1	58.4	14.5
1.63	14	7.8	50.0	96.2	9.1
2.05	12	8.7	72.3	128.7	5.5