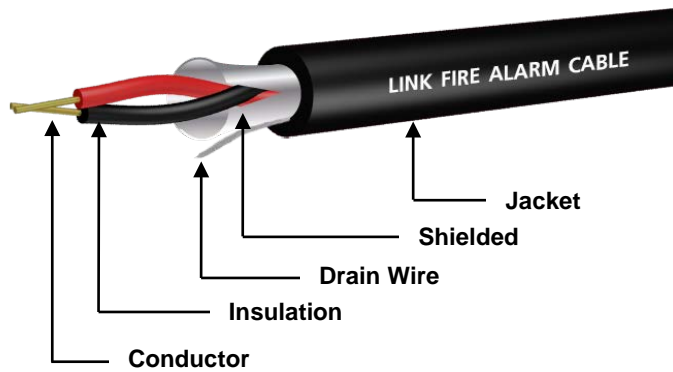


SHIELDED FIRE ALARM OUTDOOR CABLE
Power Limited Fire Alarm Cable



Features And Benefits

LINK shielded fire alarm cable power limited fire alarm describes one pair (2 Cores). The maximum operating voltage is 300VAC/VDC, The Cable are designed for outdoor horizontal.

Standard Compliances

- ANSI/UL 1424, Cables for Power-Limited Fire-Alarm Circuits
- RoHS Compliant

Applications Support

- Fire Alarm System
- Smoke Detector
- Critical Central Fire Systems
- Control Circuits
- Security system

Electrical Characteristics

Part Number	UL/NEC Flame Rating	DCR Conductor (Ω/km)	DCR Shielded (Ω/km)	Capacitance Cond to Cond (pF/m)	Capacitance Cond to Rest (pF/m)	Maximum Current @25°C (Amps)	Voltage VAC/VDC
CB-0218P	FPL	≤ 22.5	52.7	160	297	5.3	300
CB-0216P	FPL	≤ 14.0	52.7	189	350	11	300
CB-0214P	FPL	≤ 8.7	52.7	160	340	18	300
CB-0212P	FPL	≤ 5.5	52.7	216	424	21	300

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Cable Construction

- **Conductor** Solid Bare Copper
- **Insulation** FR PVC, Black and Red Color
- **Drain Wire** 22 AWG(7*0.25 mm), Stranded Tinned Copper
- **Shielded** AL Foil, Thickness 0.038mm, 115%
- **Jacket** UV-Proof, PE, Black Color

Part Number	Number Of Pair	Conductor Diameter		Insulation		Drain Wire (AWG)	Jacket	
		AWG	mm.	Thickness (mm)	Diameter (mm)		Thickness (mm)	Diameter (mm)
CB-0218P	1	18	1.02±0.02	0.4	1.90±0.15	22	0.9	5.9±0.3
CB-0216P	1	16	1.29±0.02	0.4	2.10±0.15	22	0.9	6.1±0.3
CB-0214P	1	14	1.63±0.04	0.6	2.83±0.15	22	1.0	7.8±0.3
CB-0212P	1	12	2.05±0.04	0.6	3.20±0.15	22	1.1	8.7±0.3

Physical Property

- **Conductor Elongation** ≥10 %
- **Insulation Tensile Strength** ≥13.8 N/mm²
- **Insulation Elongation** ≥100 %
- **Sheath Tensile Strength** ≥13.8 N/mm²
- **Sheath Elongation** ≥100 %
- **Sheath Tensile Strength After Aged** ≥50 % unaged N/mm²
- **Sheath Elongation After Aged** ≥75 % unaged
- **Temperature Range** -20°C to 105°C

Order Information

Part Number	Description	Color	Length	Package
CB-0218P	FIRE ALARM, SHIELDED 2 x 18 AWG, 1 PAIR, PE, OUTDOOR	Black	500m	Roll
CB-0216P	FIRE ALARM, SHIELDED 2 x 16 AWG, 1 PAIR, PE, OUTDOOR	Black	500m	Roll
CB-0214P	FIRE ALARM, SHIELDED 2 x 14 AWG, 1 PAIR, PE, OUTDOOR	Black	500m	Roll
CB-0212P	FIRE ALARM, SHIELDED 2 x 12 AWG, 1 PAIR, PE, OUTDOOR	Black	500m	Roll



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