

System



- CB-0218P
- CB-0216P
- CB-0214P
- CB-0212P

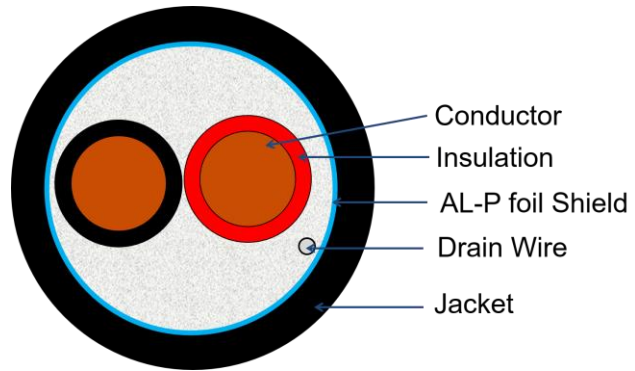
LINK AMERICAN STANDARD

FIRE ALARM, OUTDOOR TWISTED PAIR , FOIL SHIELD , PE with Ripcord

Scope of Applications

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.

Drawing



Technical Standards

- 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





Cable Construction

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

TECHINCAL SPECIFICATION

Part Number	No. 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	1.9 0±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

ELECTRICAL CHARACTERISTIC

Part Number	UL/NEC Flame Rating	DCR Connector (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

Physical Property

Conductor Elongation	≥10 %
Insulation Tensile Strength	≥13.8 N/mm ²
Insulation Elongation	≥100 %
Sheath Tensile Strength	≥13.8 N/mm ²
Sheath Elongation	≥100 %
Sheath Tensile Strength After Aged	≥50 % unaged N/mm ²
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	500 m	Roll.
CB-0216P	FIRE ALARM, SHIELDED 2 x 16 AWG, 1 PAIR, PE, OUTDOOR	Black	500 m	Roll.
CB-0214P	FIRE ALARM, SHIELDED 2 x 14 AWG, 1 PAIR, PE, OUTDOOR	Black	500 m	Roll.
CB-0212P	FIRE ALARM, SHIELDED 2 x 12 AWG, 1 PAIR, PE, OUTDOOR	Black	500 m	Roll.

Specifications subject to change without notice.

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