



CB-0218P

CB-0216P

CB-0214P

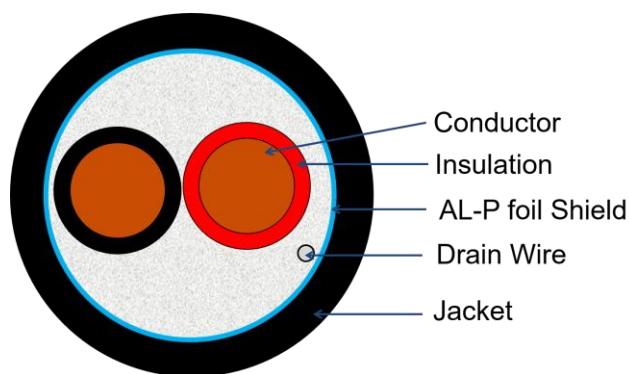
CB-0212P

FIRE ALARM, OUTDOOR TWISTED PAIR, FOIL SHIELDED, PE

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

Technical 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 (13.8Mpa)
Insulation Elongation	≥100 %
Sheath Tensile Strength	≥13.8 N/mm ² (13.8Mpa)
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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