



CB-0118P

CB-0116P

CB-0114P

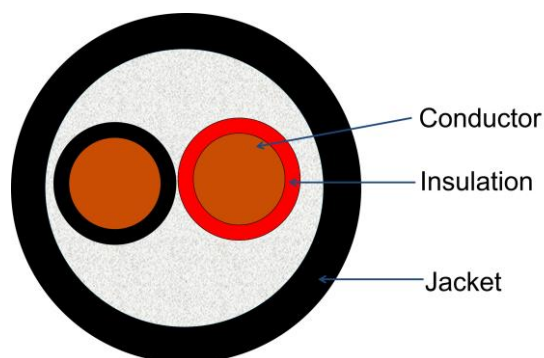
CB-0112P

FIRE ALARM, TWISTED PAIR, UNSHIELDED, PE CABLE

Scope of Applications

LINK unshielded fire alarm cable power limited fire alarm describes one pair (2 Cores). The maximum operating voltage is 300VAC/VDC, Black PE Jacket for outdoor use.

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
Jacket	Material	PE
	Color	Black

Technical Specification

Part Number	No. of Pair	Conductor Diameter		Insulation		Jacket	
		AWG	mm.	Thickness (mm)	Diameter (mm)	Thickness (mm)	Diameter (mm)
CB-0118P	1	18	1.02 ±0.02	0.4	1.90 ±0.15	0.9	5.8 ±0.3
CB-0116P	1	16	1.29 ±0.02	0.4	2.10 ±0.15	0.9	6.0 ±0.3
CB-0114P	1	14	1.63 ±0.04	0.6	2.83 ±0.15	1.0	7.7 ±0.3
CB-0112P	1	12	2.05 ±0.04	0.6	3.20 ±0.15	1.1	8.6 ±0.3

Electrical Characteristic

Part Number	Rating	DCR Conductor (Ω/km)	Capacitance Cond to Cond (pF/m)	Maximum Current @25°C (Amps)	Voltage VAC/VDC
CB-0118P	OUTDOOR	≤ 22.5	60	5.3	300
CB-0116P	OUTDOOR	≤ 14.0	71	11	300
CB-0114P	OUTDOOR	≤ 8.7	69	18	300
CB-0112P	OUTDOOR	≤ 5.5	65	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-0118P	FIRE ALARM, UNSHIELDED 2 x 18 AWG, 1 PAIR, OUTDOOR	Black	500 m	Roll.
CB-0116P	FIRE ALARM, UNSHIELDED 2 x 16 AWG, 1 PAIR, OUTDOOR	Black	500 m	Roll.
CB-0114P	FIRE ALARM, UNSHIELDED 2 x 14 AWG, 1 PAIR, OUTDOOR	Black	500 m	Roll.
CB-0112P	FIRE ALARM, UNSHIELDED 2 x 12 AWG, 1 PAIR, OUTDOOR	Black	500 m	Roll.

Specifications subject to change without notice.

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