

Italian Conductors, Wires & Cables



## TECHNICAL SPECIFICATION

## ALARM Cable

### CABLE DESCRIPTION

**Conductor:** Flexible bare copper conductor

**Insulation:** PVC EN 50363-3 Type TI2

**Colour code:** see table below

**Assembly:** conductors with polyester tape, drain wire bare copper 7x0.15mm and aluminium/polyester tape

**Sheath:** PVC EN 50363-4-1 Type TM2 White Ral 9003

**Marking:** EUROCAVI nxsize CPR EN 50575 Class Eca ITC006E-E n°week/year "metric numbering

**Temperature range:** -5°C up to +70°C

**Working voltage:** U<sub>o</sub>=400V

**Test voltage:** 2000 V a.c.

**Standard:**

CPR 305/2011 EN 50575:2014 Class Eca

### DIMENSIONAL CHARACTERISTICS

Number of conductor	Section (mm <sup>2</sup> )	N° and Diameter of wire (mm)	Insulation thickness (mm)	Diameter of conductors (mm)	Outer diameter (mm)	Sheath thickness (mm)	Cu weight (kg/km)	Approx Cable weight (kg/km)
2	0.22	7x0.15	0.25	1.00±0.05	3.10±0.20	0.60	4.08	14.00
4					3.90±0.20	0.60	6.80	20.00
6					4.40±0.20	0.60	9.52	24.00
8					4.80±0.20	0.60	12.24	35.00
10					5.20±0.20	0.60	14.96	40.00
12					5.40±0.20	0.70	17.68	48.00
14					5.80±0.20	0.70	20.40	55.00
16					6.20±0.20	0.70	23.12	58.00
20					7.00±0.20	0.70	28.56	62.00
24					7.40±0.20	0.70	34.00	66.00

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2+2	0.75/0.22	14x0.20/7x0.15	0.48/0.28	1.70/1.00 ±0.05	4.70±0.20	0.70	11.91	38.00
2+4					5.00±0.20	0.70	14.61	44.00
2+6					5.20±0.30	0.70	17.31	52.00
2+8					6.00±0.30	0.70	20.01	62.00
2+10					6.20±0.30	0.70	22.71	65.00
2+12					6.60±0.30	0.70	25.41	66.00
2+8	1.00/0.22	32x0.193/7x0.15	0.40/0.25	2.10/1.05±0.05	6.40±0.30	0.70	38.21	66.00
2+10	1.00/0.22	32x0.193/7x0.15	0.40/0.25	2.10/1.05±0.05	6.80±0.30	0.70	41.00	70.00
2+4	1.50/0.22	25x0.26/7x0.15	0.60/0.25	2.80/1.05±0.05	7.50±0.30	0.70	34.00	68.00

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### COLOUR TABLE

Conductor	Colour
2x0.75/1.00/1.50	Red/Black
1/0.22	White
2	Red
3	Yellow
4	Green
5	Grey
6	Orange
7	L.Blue
8	Brown
9	Violet
10	Black
11	Blue
12	Pink
13	White/Brown
14	White/Violet
15	White/Green
16	White/Blue
17	White/Grey
18	White/Yellow
19	White/Black
20	White/Red

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TECHNICAL DEPT.