

TECHNICAL SPECIFICATION

ALARM LSZH Cable



Italian Conductors, Wires & Cables

CABLE DESCRIPTION

Conductor: Flexible bare copper conductor

Insulation: Thermoplastic halogen-free, fire-retardant sheathing LSOH compound Type M1

Colour code: see table below

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

Sheath: Thermoplastic halogen-free, fire-retardant sheathing LSOH compound Green Ral 6011 Type M1

Marking: EUROCAVI nxsize LSZH CPR 305/2011 Class Cca-s1a,d0,a1 ITC012E CE n°week/year "metric numbering"

Temperature range: -5°C up to +70°C

Working voltage: 0.22mm² 100V; 0.75mm² 150V

Test voltage: 0.22mm² 500 V; 0.75/1.00mm² 1000V

Standards:

SA: EN 50267-2-3

SD: EN 61034-2

F2: IEC 60332-3-24

F1: IEC 60332-1-2

CPR 305/2011 EN 50575:2014 +A1:2016 Class Cca-s1a,d0,a1

DIMENSIONAL CHARACTERISTICS

Number of conductor	Section (mm ²)	N° and Diameter of wire (mm)	Insulation thickness (mm)	Diameter of conductors (mm)	Outer diameter (mm)	Insulation sheath (mm)	Cu weight (kg/km)	Approx Cable weight (kg/km)
2	0.22	7x0.15	0.28	1.00±0.05	3.50±0.20	0.60	4.08	14.00
4					4.10±0.20	0.60	6.80	20.00
6					4.70±0.20	0.60	9.52	24.00
8					5.10±0.20	0.60	12.24	35.00
10					5.60±0.20	0.70	14.96	40.00
12					6.00±0.20	0.80	17.68	48.00
14					6.20±0.20	0.80	20.40	55.00
20					7.40±0.20	0.80	28.56	62.00

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2+2	0.75/0.22	14x0.20 /7x0.15	0.48/0.28	1.70/1.00 ±0.05	5.00±0.20	0,70	11.91	38.00
2+4					5.70±0.20	0,70	14.61	44.00
2+6					5.90±0.30	0,70	17.31	52.00
2+8					6.80±0.30	0,70	20.01	62.00
2+10					6.90±0.30	0,80	22.71	65.00
2+12					7.10±0.30	0,80	25.41	66.00
2+8	1.00/0.22	31x0.193/ 7x0.18	0.40/0.25	2.10/1.05 ±0.05	6.50±0.30	0,80	33.50	65.00
2+6	1.50/0.22	26x0.247/ 7x0.15	0.40/0.28	2.30/1.00 ±0.05	6.80±0.30	0.80	38.90	81.00
2+8					7.10±0.30	0.80	42.90	90.00

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COLOUR TABLE

Conductor	Colour
2x0.75	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

Conductor	Colour
2x1.00	Red/Black
8x0.22	Brown/Green/Red/Orange L.Blue/Grey/White/Yellow

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TECHNICAL DEPT.	Napoli Giuseppe