

TECHNICAL SPECIFICATION SGG LSZH Cable



Italian Conductors, Wires & Cables

CABLE DESCRIPTION

Conductor: solid bare copper conductor

Insulation: Thermoplastic halogen-free, fire-retardant sheathing LS0H compound Type M1

Colour code: see table below

Assembly: conductor twisted

Sheath: Thermoplastic halogen-free, fire-retardant sheathing LS0H compound Green Ral 6011 or Red Ral 3000 Type M1

Marking: EUROCAVI SGG nxsize CPR EN 50575 Class Cca-s1a,d1,a1 ITC013E CE n.week/year "metric numbering" (sheath pressure only for the cable 2x0.80)

Temperature range: -5°C up to +70°C

Working voltage: 250 V

Test voltage: 2500 V (AC)

Standards:

CPR 305/2011
EN 50575:2014 +A1:2016 Class Cca-s1a,d1,a1

DIMENSIONAL CHARACTERISTICS

Number of conductor	Diameter of wire (mm)	Insulation thickness (mm)	Diameter of conductors (mm)	Outer diameter (mm)	Cu weight (kg/km)	Approx Cable weight (kg/km)
2	0,80	0,40	1,60±0,05	5.10±0,30	9,00	20,00
4				5,30±0,20	18,00	35,00
6				6,30±0,30	27,00	55,00
8				6,90±0,30	36,00	70,00
10				7,80±0,30	45,00	90,00
12				8,00±0,30	54,00	100,00
14				8,40±0,30	63,00	120,00
16				9,30±0,30	72,00	130,00
20				10,10±0,30	90,00	150,00
24				10,70±0,30	108,00	180,00

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COLOUR TABLE

1	White
2	Blue
3	Yellow
4	Red
5	Grey
6	Green
7	Orange
8	Violet
9	Brown
10	Black
11	Pink
12	Light Blue
13	Light Green
14	Light Grey
15	Turquoise
16	Ivory
17	White/Blue
18	White/Yellow
19	White/Red
20	White/Grey
21	White/Green
22	White/Orange
23	White/Violet
24	White/Brown

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