

# ALARM CABLE

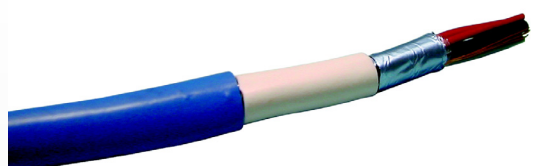
ALARM SYSTEM CABLES



GR. 2 - 300V / GR. 3 - 450 V



GR. 4 - 1KV



## TECHNICAL DATA:

<b>Core colors:</b>	Tab. Alarm + R/B
<b>Conductors:</b>	Stranded bare copper wires
<b>Insulation:</b>	PVC TI2 quality
<b>Assembling:</b>	Polyester tape
<b>Screen:</b>	Alluminium/polyester tape
<b>Drain wire:</b>	Red copper 7x0.18 mm
<b>Sheath:</b>	PVC TM2 quality
<b>Color:</b>	White RAL 9010

<b>Conductor Test Voltage :</b>	2000 V.
<b>Sheath Test Voltage :</b>	2000 V (GR. 2) 2500 V (GR. 3)

<b>Max Working Voltage:</b>	0,22 mm <sup>2</sup> - 150 V 0,50-0,75mm <sup>2</sup> - 250 V 1,00-1,50 mm <sup>2</sup> - 300 V
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## HOW TO LAY

**Working temperature:** -10°C ; +70 °C  
**Bending radius:** 10 x external diameter

## MARKING

UNICAVI - CAVO ALLARME - [form. x sect] - CEI 20-22 II GR.2/3

**STANDARD:** CEI 20-22 II

## TECHNICAL DATA:

<b>Core colors:</b>	Tab. Alarm + R/B
<b>Conductors:</b>	Stranded bare copper wires
<b>Insulation:</b>	PVC TI2 quality
<b>Assembling:</b>	Polyester tape
<b>Screen:</b>	Alluminium/polyester tape
<b>Drain wire:</b>	Red copper 7x0.18 mm
<b>Internal Sheath:</b>	PVC TM2 quality, White
<b>External sheath:</b>	PVC TM2 quality
<b>Color:</b>	Blue RAL 5015

<b>Conductor Test Voltage :</b>	2000 V.
<b>Sheath Test Voltage :</b>	3000 V (GR. 4)

<b>Max Working Voltage :</b>	0,22 mm <sup>2</sup> - 150 V 0,50-0,75mm <sup>2</sup> - 250 V 1,00-1,50 mm <sup>2</sup> - 300 V
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## HOW TO LAY

**Working temperature:** -10°C ; +70 °C  
**Bending radius:** 10 x external diameter

## MARKING

UNICAVI - CAVO ALLARME - [form. x sect] - CEI 20-22 II GR. 4

# ALARM GR.2/3/4

**GR. 2 - 300V / GR. 3 - 450 V**
**DESCRIPTION:**

Security systems and alarm cables.

Shielded with alluminium/polyester tape with drain wire.

Don't spread fire PVC sheath is white with 2 or 3 insulation degree.

**GR. 4 - 1KV**
**DESCRIPTION:**

Security systems and alarm cables.

Shielded with alluminium/polyester tape with drain wire.

Don't spread fire PVC sheath is blue with 4 insulation degree, tested with 3000V voltage. This allow to install alarm cable near other electrical cable with a working Voltage of 220/380V.

CODE	cond. x sect. n° x mm <sup>2</sup>	External Diameter			Weight		
		mm			kg/km		
		300/300 V	450/750 V	0,6/1.0 kV	300/300 V	450/750 V	0,6/1.0 kV
6A0101803	2 x 0.50	3.80	4.00	4.30	21	23	33
6A0101903	2 x 0.75	4.10	4.30	4.50	32	35	45
6A0102003	2 x 1.00	5.10	5.30	5.70	52	55	67
6A0102103	2 x 1.50	5.80	6.10	6.40	59	65	75
6A0100103	2 x 0.22	3.20	3.40	3.8	14	16	20
6A0100303	4 x 0.22	3.50	3.70	4.2	20	22	26
6A0100503	6 x 0.22	4.30	4.60	5	24	27	31
6A0100703	8 x 0.22	4.50	4.80	5.30	35	38	42
6A0100803	10 x 0.22	5.20	5.50	5.90	4	47	50
6A0100903	12 x 0.22	5.40	5.70	6.20	48	52	60
6A0102203	2 x 0.50 + 2 x 0.22	4.20	4.40	4.80	27	29	33
6A0102403	2 x 0.50 + 4 x 0.22	4.50	4.80	5.20	36	38	42
6A0102603	2 x 0.50 + 6 x 0.22	5.30	5.60	5.90	44	47	51
6A0102703	2 x 0.50 + 8 x 0.22	5.40	5.70	6.20	50	53	59
6A0102803	2 x 0.50 + 10 x 0.22	5.70	5.90	6.40	58	62	65
6A0102903	2 x 0.50 + 12 x 0.22	6.00	6.30	6.90	62	66	71
6A0103003	2 x 0.75 + 2 x 0.22	4.50	4.70	5.1	38	40	47
6A0103203	2 x 0.75 + 4 x 0.22	4.90	5.10	5.50	44	47	52
6A0103403	2 x 0.75 + 6 x 0.22	5.40	5.60	6.1	52	55	59
6A0103503	2 x 0.75 + 8 x 0.22	5.80	6.10	6.60	58	62	71
6A0103603	2 x 0.75 + 10 x 0.22	6.20	6.30	7.10	62	66	73
6A0103703	2 x 0.75 + 12 x 0.22	6.50	6.90	7.50	66	71	81

NOTE: External diameter can change in a range of +/- 3%.