

# Italian Alarm cables



## TECHNICAL FEATURES

Operating temperature:	-30 °C ÷ +70 °C
Rated voltage	0,22 mm² 150 V / 0,5 - 0,75 mm² 250 V / 1,0 - 1,5 mm² 300/500 V
Testing voltage	1,5 kV
Current carrying capacity	Acc. to DIN VDE 0295 resp IEC 60228
Conductor material	Bare copper
Conductor Class	Class 5 DIN VDE 0295 resp IEC 60228
Core insulation	Thermoplastic material based PVC (quality TI2)
Core identification	Acc. to alarm cables table
Separator tape	Polyester foil
Drain cable	Bare copper 7x0,18 mm
Screening	Aluminium/Polyester tape
Outer Sheath material	Thermoplastic material based PVC (quality TM2)
Colour outer sheath	White RAL 9003
Printing	To be defined
Max. temp. of short circuit	150 °C (max. 5 sec)
Min. bending radius	Fixed 4 x cable Ø / mobile 10 x cable Ø
Standards	CEI 20-20 / 20-22 II

Section		Nominal O. D.	Copper weight	Approx. Cable weight
mm²		mm	kg/km	kg/km
2 x 0,50		4,0	9,6	23
2 x 0,75		4,3	14,4	35
2 x 1,00		5,3	19,2	55
2 x 1,50		6,1	28,8	65
2 x 0,22		3,4	4,2	16
4 x 0,22		3,7	8,4	22
6 x 0,22		4,6	12,7	27
8 x 0,22		4,8	16,9	38
10 x 0,22		5,5	21,1	47
12 x 0,22		5,7	25,3	52
2 x 0,50 + 2 x 0,22		4,4	13,8	29
2 x 0,50 + 4 x 0,22		4,8	18,0	38
2 x 0,50 + 6 x 0,22		5,6	22,3	47
2 x 0,50 + 8 x 0,22		5,7	26,5	53
2 x 0,50 + 10 x 0,22		5,9	30,7	62
2 x 0,50 + 12 x 0,22		6,3	34,9	66
2 x 0,75 + 2 x 0,22		4,7	18,6	40
2 x 0,75 + 4 x 0,22		5,1	22,8	47
2 x 0,75 + 6 x 0,22		5,6	27,1	55
2 x 0,75 + 8 x 0,22		6,1	31,3	62
2 x 0,75 + 10 x 0,22		6,3	35,5	66
2 x 0,75 + 12 x 0,22		6,9	39,7	71

## APPLICATION

Alarm cable with electrostatic shield for alarm systems for lossless transmission of data and signals. Suitable for fixed laying in dry and humid rooms, on-wall and in-wall, outdoor use, no laying underground. Alarm cables are not designed for high voltage purposes and are not suitable for laying underground. The different Grade allow to use the cables together with other cables having tension 220 or 380 V

## SPECIAL FEATURES

Shielded by aluminium foil-clad  
Free from lacquer damaging substances and silicone (during production)  
Also available in LSOH (zero halogen) version

## REMARKS

Conform to RoHS  
CE acc. to EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.  
We are pleased to produce special versions, other dimensions, core and jacket colours on request

TELEPHONE, ALARM AND INTERPHONE CABLES

The data and sketches of this technical leaflet are not binding and can be varied as a consequence of modifications and/or improvements deemed necessary by the manufacturer. Tolerances on weights and diameters ± 5%.