

# Flexible Shielded Alarm Cable

These cables are suitable in alarm systems in residential buildings.

## DESCRIPTION

Manufactured according to harmonized standard EN 50575:2014 + A1:2016.

## TECHNICAL SPECIFICATIONS

Conductor	Flexible bare copper
Insulation	PVC flame retardant
Identification	Color list
Shielding	Overall aluminum / polyester foil
Drain	Flexible bare copper 7 x 0,20mm
Sheath	PVC flame retardant
Color	White
Bending radius	≥ 12 x Overall Diameter (mm)
Storage temperature	-20°C + 70°C
Installation temperature	-10°C + 50°C

## ELECTRICAL CHARACTERISTICS

Electrical resistance 20°	0,22 mm <sup>2</sup>	96	Ω/km
	0,50 mm <sup>2</sup>	39	Ω/km
	0,75 mm <sup>2</sup>	27	Ω/km
Insulation resistance		>200	MΩx km
Test voltage (1min/50Hz)		2000	V
Capacitance		130	pF/m

## Reaction to fire classification

Class Eca

TYPE Cores x section	Conductor	Insulation thickness	Jacket diameter mm (±0.3)
4 x 0,22 mm <sup>2</sup>	7 x 0,20mm	> 0,20mm	3,7
6 x 0,22 mm <sup>2</sup>	7 x 0,20mm	> 0,20mm	4,4
8 x 0,22 mm <sup>2</sup>	7 x 0,20mm	> 0,20mm	4,7
10 x 0,22 mm <sup>2</sup>	7 x 0,20mm	> 0,20mm	4,9
12 x 0,22 mm <sup>2</sup>	7 x 0,20mm	> 0,20mm	5,5
4 x 0,22 mm <sup>2</sup> + 2 x 0,50 mm <sup>2</sup>	7 x 0,20mm / 16 x 0,20mm	> 0,20mm / > 0,30mm	4,7
4 x 0,22 mm <sup>2</sup> + 2 x 0,75 mm <sup>2</sup>	7 x 0,20mm / 24 x 0,20mm	> 0,20mm / > 0,30mm	4,9
6 x 0,22 mm <sup>2</sup> + 2 x 0,50 mm <sup>2</sup>	7 x 0,20mm / 16 x 0,20mm	> 0,20mm / > 0,30mm	5,0
6 x 0,22 mm <sup>2</sup> + 2 x 0,75 mm <sup>2</sup>	7 x 0,20mm / 24 x 0,20mm	> 0,20mm / > 0,30mm	5,6
8 x 0,22 mm <sup>2</sup> + 2 x 0,50 mm <sup>2</sup>	7 x 0,20mm / 16 x 0,20mm	> 0,20mm / > 0,30mm	5,4
8 x 0,22 mm <sup>2</sup> + 2 x 0,75 mm <sup>2</sup>	7 x 0,20mm / 24 x 0,20mm	> 0,20mm / > 0,30mm	5,8
12 x 0,22 mm <sup>2</sup> + 2 x 0,50 mm <sup>2</sup>	7 x 0,20mm / 16 x 0,20mm	> 0,20mm / > 0,30mm	6,4
12 x 0,22 mm <sup>2</sup> + 2 x 0,75 mm <sup>2</sup>	7 x 0,20mm / 24 x 0,20mm	> 0,20mm / > 0,30mm	6,7

## Color list

section 0,22mm <sup>2</sup>	White / Red / Yellow / Green / Grey / Orange / Light blue / Brown / Purple / Black / Blue / Pink
section 0,50mm <sup>2</sup>	Red / Black
section 0,75mm <sup>2</sup>	Red / Black



Code	Prepare	Review	Approve	Effective Date
				5-13-2019