CERVICOM ALARM SCREENED HF CPR
Intercommunication and detection (alarm)

Construction

Conductor	Flexible bare copper wires Cross-sectional area: · Power: 0,60mm2 · Signal: 0,20mm2
Insulation	Halogen free compound Identification: · Power: Red, Black · Signal: Colours (See attached table)
Assembly	Insulated conductors laid up together
Screen	Aluminium/polyester tape + tinned copper drain wire
Outer sheath	Halogen free compound Colour: White

Technical characteristics

Operating voltage	250V (*Not suitable for direct connection to the power supply network or other low impedance sources)
Test Voltage	1000 V
Conductor resistance	· Power (0,60mm2): 32,5 Ohm/Km · Signal (0,20mm2): 108 Ohm/Km
Insulation resistance	20 MOhm*Km
Capacitance	110 pFm/m Aprox.
Operating Tª	-15° a +70°C

Application

Shielded cable for security systems (alarms) and intercommunication applications, when some protection against electrical noise and no halogen emission in case of fire is required.

* CPR:
Cable suitable for installation under the requirements of CPR (Construction Product Regulation (EU) No. 305/2011) according to the classification (Euroclass) specified in this document.

Standards / Properties

CPR Classification (Euroclass)	Dca-s2,d2,a1 (According to UNE-EN 50575)
Flame Retardant	UNE-EN 60332-1 (IEC 60332-1)
Other fire standards:	
Halogen free	UNE-EN 60754-1 (IEC 60754-1)
Low corrosivity	UNE-EN 60754-2 (IEC 60754-2) (pH >= 4,3 ; conductividad =< 10µS/mm)
Low smoke emission	UNE-EN 61034 (IEC 61034)

Code:
Family: 211-212
Revision: 2
Date: 21/01/2019

Realized: **Approved:**

Constructive data

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)
211123HF	4x0.20	3.5	20
211175HF	6x0.20	4.1	25
211208HF	8x0.20	4.5	35
211232HF	10x0.20	5.5	45
211255HF	12x0.20	5.7	50
211268HF	14x0.20	6	55
211280HF	16x0.20	6..2	60
2127311H	2x0.60+4x0.20	5.1	40
2127321H	2x0.60+6x0.20	6.1	50
2127331H	2x0.60+8x0.20	6.3	55
2127341H	2x0.60+10x0.20	6.4	60
2128701H	2x0.60+12x0.20	6.6	63
	2x0.60+16x0.20	6.9	78
	2x0.60+20x0.20	7.8	92

Legend

Code	Cervi codification
NxS (mm2)	Number of conductors x Section (mm2)
Ø (mm)	Aprox. outer diameter (mm)
Weight (kg/km)	Approximate cable weight (kg/km)

Colour table

Conductor N°	Insulation colour
1	Red
2	White
3	Green
4	Yellow
5	Blue
6	Grey
7	Black
8	Brown
9	Orange
10	Violet
11	White/Red (Pink for 12 cond cable)
12	Grey/Red (Ivory for 12 cond cable)
13	Yellow/Red
14	Blue/Red
15	Orange/Red
16	White/Red