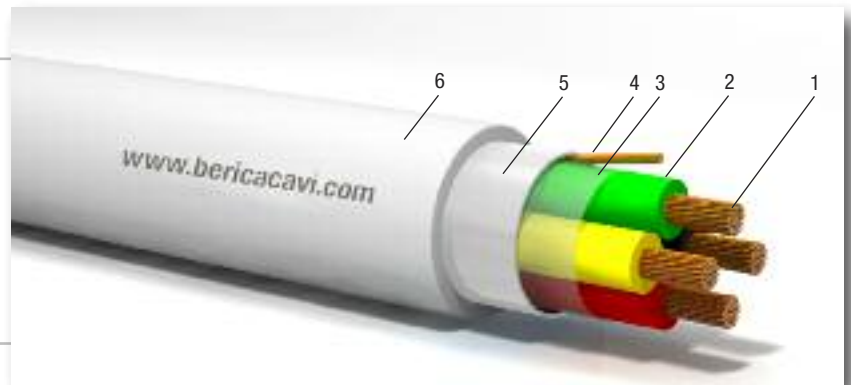


## Cables for security systems, Al/Pet tape screen, halogen free.

**CPR**  
EU 305/2011

**Cca-s1b,d0,a1**

1. Conductor
2. Insulation
3. Assembling
4. Drain wire
5. Screen
6. Sheath



**APPLICATION:** Used for connections in intrusion detection systems. In the most risky environments in the event of a fire, such as health facilities, entertainment venues and entertainment in general, gyms and sports centers. Hotels, guest houses, motels, villages, tourist residences - hotels. Schools of every level, grade and type. Exhibitors and / or retailers. Companies and offices with more than 300 people present; Libraries and archives, museums, galleries, exhibitions and exhibitions. Buildings intended for civil use, with a fire height of more than 24m. **(Average Risk).**

**INSTALLATION:** For fixed indoor installation in dry or wet environments and temporarily outdoor. They can be installed in cable trays, pipes, conduits, and similar systems. They can be laid together with power cables with marking both 450/750V, and 0.6 / 1 kV, used for systems with a nominal voltage to ground (U<sub>0</sub>) up to 400 V. Not for direct burial.

CARATTERISTICHE	DESCRIZIONE	NORME
Conductors:	annealed red copper cl.5	CEI EN 60228 (Tab. 9)
Insulation:	LSZH compound	CEI EN 50363
Cores colour:	alarm colours (Tab 1) - Red-Black (power supply)	
Assembling:	annealed red copper 7x0,20	
Drain wire:	annealed red copper	
Screen:	Al/Pet tape	
Sheath:	LSZH compound	CEI EN 50363
Sheath colour:	white RAL 9010	
Halogens free:	(< 0,5 mg/g - 0,5%)	CEI EN 50267-2-1/2 - IEC 60754-1/2
Testing voltage:	2000 V	
Max working temperature:	70 °C	
Short-circuit temperature:	160 °C	
Min. installation temperature:	0 °C	
Bending radius:	Ø x 8	
<b>REGULATION (UE) 305/2011</b>		
System AVCP:	1+	EN 50575:2014 + A1:2016
Classification:	Cca-s1b,d0,a1	UNI EN 13501-6
Cca:	Heat release and flame spread(FS ≤ 2m)	EN 50399
s1b:	Smoke transmittance ≥ 60% <80% (TSP ≤ 50 m <sup>2</sup> and SPR ≤ 0.25 m <sup>2</sup> / s)	EN 50399 + EN 61034-2
d0:	No flaming droplets	EN 50399
a1:	Gas acidity (Conductivity <2.5 ms / mm and pH> 4.3)	EN 50267-2-3
	Flame propagation (H ≤ 425 mm)	EN 60332-1-2
Printing:	BERICA CAVI S.P.A. ITALY ALARM CABLE CEI UNEL 36762 C-4 (U <sub>0</sub> = 400V) Cca-s1b,d0,a1 Type SCREENED LSZH CE, Year/ Lot	

TYPE N° x mm <sup>2</sup>	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE	TYPE N° x mm <sup>2</sup>	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
4x0,22	5,30	23	B30B04022LSZH	2x0,50+8x0,22	6,70	49	B31B08022LSZH
8x0,22	5,60	30	B30B06022LSZH	2x0,50+10x0,22	7,20	58	B31B10022LSZH
8x0,22	5,95	36	B30B08022LSZH	2x0,75+2x0,22	6,40	38	B32B02022LSZH
12x0,22	6,60	49	B30B12022LSZH	2x0,75+4x0,22	6,60	44	B32B04022LSZH
2x0,50+2x0,22	6,00	32	B31B02022LSZH	2x0,75+6x0,22	6,80	51	B32B06022LSZH
2x0,50+4x0,22	6,20	37	B31B04022LSZH	2x0,75+8x0,22	7,00	55	B32B08022LSZH
2x0,50+6x0,22	6,50	43	B31B06022LSZH	2x0,75+10x0,22	7,20	66	B32B10022LSZH