

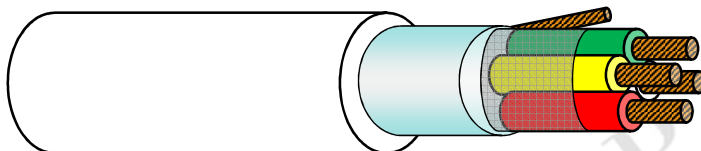


36040 Meledo di Sarego (Vi) ITALIA
Tel. +390444-820044 Fax +390444-820050

www.bericacavi.com e-mail: sales@bericacavi.com

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

Comari Alarmkabel afgeschermd



CPR Compliant
B2ca - s1,d0,a1

Caratteristiche	Descrizione	Norme
Conductors :	annealed red copper cl.5	CEI EN 60228
Insulation :	LSZH compound	
Cores colour :	white- red- yellow- green- grey- orange-light blue- brown- purple -black (black and red for power supply)	
Assembling :	Pet tape	
Drain wire :	annealed red copper 7x0,20	
Screen :	Al/Pet tape	
Sheath :	LSZH	CEI EN 50363
Sheath colour :	white RAL 9010	
Halogen 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	
APPLICATION :	Supply of communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.	
INSTALLATION:	For fixed indoor installation in dry or temporarily 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 (Uo) up to 400 V. Not for direct burial.	

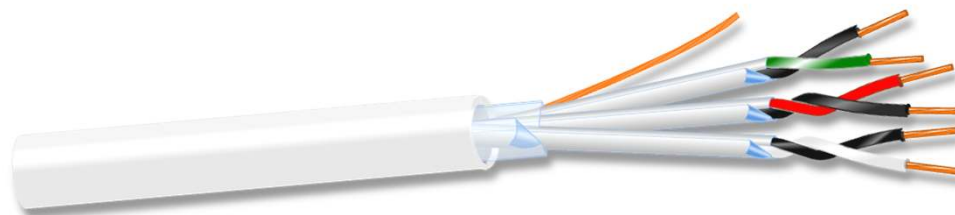
Type	Medium	Medium	Product
(N° cores x sect.)	Outer Ø	Weight	code
N° x mm			
4X0,22	5,30	21	B9903105012B00058
6x0,22	5,60	27	B9903105012B00053
8x0,22	5,95	32	B9903105012B00032
12x0,22	6,60	39	B9903105012B00063
2x0,50+2x0,22	6,00	29	
2x0,50+4x0,22	6,20	35	B9903105012B00045
2x0,50+6x0,22	6,50	37	B9903105012B00046
2x0,50+8x0,22	6,70	46	B9903105012B00064
2x0,50+10x0,22	7,20	52	
2x0,75+2x0,22	6,40	35	
2x0,75+4x0,22	6,60	41	B9903105012B00062
2x0,75+6x0,22	6,80	46	B9903105012B00061
2x0,75+8x0,22	7,00	51	
2x0,75+10x0,22	7,20	61	B9903105012B00065

Code	Printing
B9903105012B00058	Comari Alarmkabel 4x0,22 MBZH LI-H(st)H B2ca-s1,d0,a1 CE B170987001401 Year/Lot 00000m
B9903105012B00053	Comari Alarmkabel 6x0,22 MBZH LI-H(st)H B2ca-s1,d0,a1 CE B170987001401 Year/Lot 00000m
B9903105012B00032	Comari Alarmkabel 8x0,22 MBZH LI-H(st)H B2ca-s1,d0,a1 CE B170987001401 Year/Lot 00000m
B9903105012B00063	Comari Alarmkabel 12x0,22 MBZH LI-H(st)H B2ca-s1,d0,a1 CE B170987001401 Year/Lot 00000m
B9903105012B00045	Comari Alarmkabel 2x0,5+4x0,22 MBZH LI-H(st)H B2ca-s1,d0,a1 CE B170987001401 Year/Lot 00000m
B9903105012B00046	Comari Alarmkabel 2x0,5+6x0,22 MBZH LI-H(st)H B2ca-s1,d0,a1 CE B170987001401 Year/Lot 00000m
B9903105012B00064	Comari Alarmkabel 2x0,5+8x0,22 MBZH LI-H(st)H B2ca-s1,d0,a1 CE B170987001401 Year/Lot 00000m
B9903105012B00060	Comari Alarmkabel 2x0,75+4x0,22 MBZH LI-H(st)H B2ca-s1,d0,a1 CE B170987001401 Year/Lot 00000m
B9903105012B00061	Comari Alarmkabel 2x0,75+6x0,22 MBZH LI-H(st)H B2ca-s1,d0,a1 CE B170987001401 Year/Lot 00000m
B9903105012B00065	Comari Alarmkabel 2x0,75+10x0,22 MBZH LI-H(st)H B2ca-s1,d0,a1 CE B170987001401 Year/Lot 00000m

Office	Date	Signature	Rev.	Date	Signature
Edit by :	06/06/2017		1	09/02/2018	
Checked by:	06/06/2017				

DATASHEET

Item **ZB1391ZH**
Description **Li-XH(St)H SIGNAL C-4 (BC) 3x2x0.35 LSZH WHITE B2CA s1d1a1**



Marking

Comari Signaalkabel 3x2x0.35 B2ca-s1d1a1 CE Dop Nr. ZB1391ZH 2017 (*) (Metering) mt

Marking Colour: Blue

(*) Lot of Production

Construction

Cable Structure	Cores x Section	3 x 2 x 0.35 mmq
Inner Conductor	Material	Bare Copper
	Type	Multiwire
	Conductor wires construction	n x mm 11 x 0.193
Insulation	Material	Thermoplastic LSZH compound TI6
	Color	1) Red-Black 2) Green-Black 3) White-Black
	Diameter	mm 1,20 ± 0,05
Shield	Material	Aluminium / PET foil (wrapped around every single pair)
	Coverage	% 100
Drain Wire	Material	Bare Copper
	Type	Stranded
	Cores x Section	n x mm 18 x 0.100
Jacket	Material	Thermoplastic LSZH compound HM5
	Color	White RAL 9010
	Diameter	mm 6,80 ± 0,30
	Thickness	mm 0,80
Weight	kg / km	55,0

Technical Data

Inner Conductor Resistance	Ohm / km	57,00
Peak Operating Voltage (Not for purposes of Power)	Volt	250
Operating Voltage U ₀	Volt	500
Test Voltage	Volt	2.000
Insulation Resistance	MOhm / km	> 20
Temperature Range	Fixed Installation	- 15 °C / + 70 °C
Minimum Bending Radius	Fixed Installation	10 x Diameter

Standards

Insulation	EN 50363-7
Jacket	EN 50363-8
Low smoke emission	EN 61034.2
Corrosive gases and halogen	IEC 60754-2; EN 50267-2-1
Fire behaviour (according to EN 50575)	Euroclass B2ca-s1d1a1

Product Manager
(Davide Eng. Bagnacani)

Issue Date 16/04/2013
Version 27/04/2018
Print Date 27/04/2018

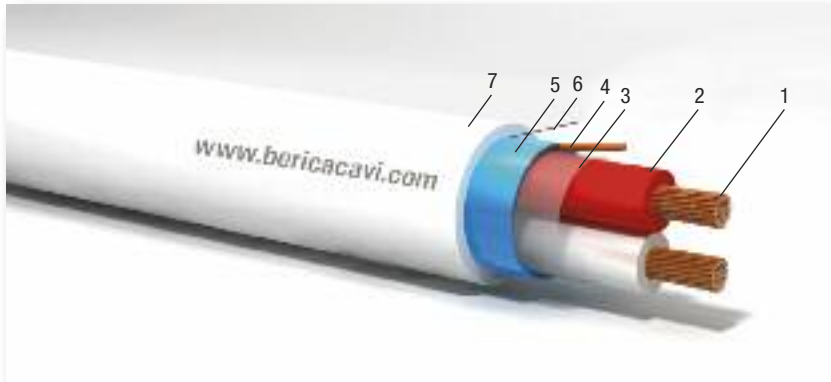


PROSPECTA s.r.l. Special Cables

Via Giacomo Balla, 24 - 42025 Cavriago (RE) - ITALY - Tel.: +39 0522 946182/3 - Fax: + 39 0522 946176
E-mail: export-sales@prospectasrl.it - web: www.prospectasrl.it



PTQG201 Vers. 02

Cables for security systems, Al/Pet tape screen, fire retardant and low halogens emission.


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

CPR
EU 305/2011

Cca-s3,d0,a3

APPLICATION: Used in electronic control equipment and for detection of signals from intrusion detection systems. In environments that do not face with high risk of fire as buildings intended for civil use, with a fire height less than 24 m, waiting room, bar, restaurant, medical studio. **(Low risk - bunch laying).**

INSTALLATION: For fixed indoor installations in dry or wet environments and temporarily outdoor. They can be installed on platforms, 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 (U₀) up to 400V.

FEATURES	DESCRIPTION	STANDARD
Conductors:	annealed red copper	CEI EN 60228 (Tab. 9)
Insulation:	PVC, quality R2	CEI EN 50363
Cores colour:	alarm colours (Tab 1) - Red-Black (power supply)	
Assembling:	Pet tape	
Drain wire:	annealed red copper	
Screen:	Al/Pet tape	
Stripping wire:	Pet	
Sheath:	PVC, quality TM2	CEI EN 50363
Sheath colour:	white RAL 9010	
Low halogens emission:	(< 22 %)	CEI EN 50267-2-1 - IEC 60754-1
DC resistance:		CEI EN 60228 (Tabella 9)
Testing voltage:	2000 V	
Max working temperature:	70 °C	
Short-circuit temperature:	160 °C	
Min. installation temperature:	0 °C	
Bending radius:	Ø x 8	

REGULATION (UE) 305/2011

System AVCP:	1+	EN 50575:2014 + A1:2016
Classification:	Cca-s3,d0,a3	UNI EN 13501-6
Cca:	Heat release and flame spread(FS ≤ 2m)	EN 50399
s3:	Smoke production (not s1 or s2)	EN 50399
d0:	No flaming droplets	EN 50399
a3:	Gas acidity (not a1 or a2)	EN 50267-2-3
	Flame propagation (H ≤ 425 mm)	EN 60332-1-2
Printing:	BERICA CAVI S.P.A. ITALY ALARM CEI UNEL 36762 C-4 (U ₀ =400 V) Cca-s3,d0,a3 Type, SCREENED CE Year/lot	

TYPE N° x mm ²	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE	TYPE N° x mm ²	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
4x0,22	3,7	20	B30C04022	2x0,50+8x0,22	5,5	45,0	B31C08022
6x0,22	4,3	26,3	B30C06022	2x0,50+10x0,22	6,0	51,5	B31C10022
8x0,22	5,1	31,9	B30C08022	2x0,75+2x0,22	5,2	34,8	B32C02022
12x0,22	5,4	38,7	B30C12022	2x0,75+4x0,22	5,6	41,1	B32C04022
2x0,50+2x0,22	5,1	28,3	B31C02022	2x0,75+6x0,22	5,80	46,4	B32C06022
2x0,50+4x0,22	5,1	33,9	B31C04022	2x0,75+8x0,22	6,00	51,3	B32C08022
2x0,50+6x0,22	5,3	39,6	B31C06022	2x0,75+10x0,22	6,00	57,2	B32C10022