

Cables for security, telephone and fire detection systems and halogen-free



1. Conductor
2. Insulation
3. Sheath

CPR
EU 305/2011

B2ca - s1,d0,a1

APPLICATION: Used for connections in intrusion detection systems, fire detection systems and telephone systems. In larger areas of fire, such as airfields, railway stations, sea stations, underground or subterranean underground stations. Road galleries of more than 500 m in length and railways of more than 1000 m (high risk).

INSTALLATION: For fixed indoor installation in dry or wet environments and temporarily outdoor. They can be installed on platforms, pipes, conduits and similar systems. Not for direct burial.

FEATURES	DESCRIPTION	STANDARDS
Conductors :	annealed red copper cl. 1	
Insulation :	LSZH thermoplastic compound	
Cores colour code :	2x(red-blue); 2x2x(white/red-yellow/black); 4x(white-red-yellow-black) 4x2x(red/blue - white/yellow - white/green - white/brown)	
Sheath :	LSZH special thermoplastic compound	CEI EN 50363
Sheath colour :	red RAL 3000	
Rated voltage Uo/U:	300/300 V	
Max voltage :	330 V	
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:	B2ca - s1,d0,a1	UNI EN 13501-6
B2ca:	Heat release and flame spread (FS ≤ 1.5m)	EN 50399
s1:	Smoke production (TSP ≤ 50 m2 and SPR ≤ 0.25 m2 / s)	EN 50399
d0:	No flaming droplets	EN 50399
a1:	Gas acidity (Conductivity 4.3)	EN 50267-2-3
	Flame propagation (H ≤ 425 mm)	EN 60332-1-2
Printing :	BERICA CAVI S.P.A. ITALY J-HH BRANDMELDEKABEL B2ca-s1a,d0,a1 CE Type - Year/lot - 00000m	

TYPE N° x mm	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
1x2x0,80	4,30	24	B67C01C080U
2x2x0,80	6,40	49	B67C02C080U
4x0,80	4,90	39	B67C04080U
4x2x0,80	7,90	82	B67C04C080U
1x2x1 sqmm	5,80	44	B67C01C100U
2x2x1 sqmm	8,70	104	B67C02C100U
1x2x1,5 sqmm	6,80	61	B67C01C150U