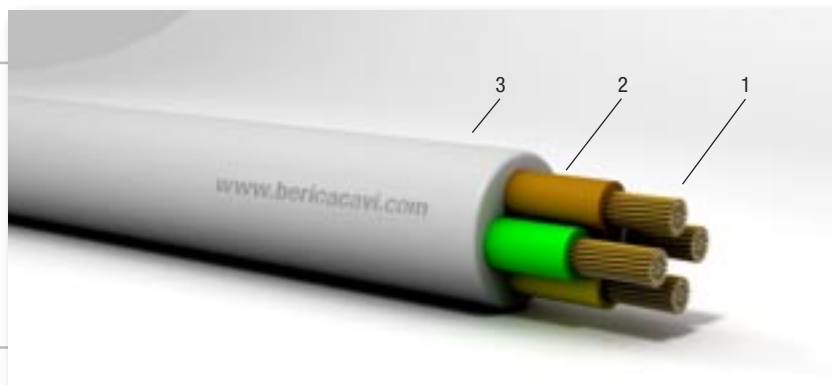


Cables for energy, signaling and control, non-propagating fire and halogen-free

CPR
 EU 305/2011

Cca-s1b,d0,a1

1. Conductor
2. Insulation
3. Sheath



APPLICATION: Suitable for energy transport, signaling and control. 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 and mobile installation in dry or wet environments and temporarily outdoor. They can be installed in cable trays, pipes, conduits and similar systems. Not for direct burial.

FEATURES	DESCRIPTION	STANDARDS
Conductors:	annealed red copper	CEI EN 60228
Insulation:	LSZH compound, M9 quality	CEI EN 50363
Cores colour:	DIN 47100 $\leq 1 \text{ mm}^2$ UNEL 00722 $\geq 1,5 \text{ mm}^2$	
Sheath:	LSZH compound, Z1 quality	
Sheath colour:	grey RAL 7001	
Halogen free:	(< 0,5 mg/g -0,5%)	CEI EN 50267-2-1/2 - IEC 60754-1/2
Rated voltage Uo/U:	450/750 V	
Max voltage:	825 V	
Testing voltage:	2500 V	
Max working temperature:	70 °C	
Short-circuit temperature:	160 °C	
Min installation temperature:	0 °C	
Bending radius:	$\varnothing \times 6$	
Max standard twisting (2x cable):	≥ 10 twist/meter	

REGULATION (UE) 305/2011

System AVCP :	1+	EN 50575:2014 + A1:2016
Classification :	Cca-s1b,d0,a1	UNI EN 13501-6
Cca :	Heat release and flame spread (FS $\leq 2\text{m}$)	EN 50399
s1b :	Smoke transmittance $\geq 60\%$ <80% (TSP $\leq 50 \text{ m}^2$ and SPR $\leq 0.25 \text{ m}^2 / \text{s}$)	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 $\leq 425 \text{ mm}$)	EN 60332-1-2
Printing:	BERICA CAVI S.P.A. ITALY FM90Z1 450/750 V LSZH Cca-s1b,d0,a1 CE Type - Year/Lot - 00000 m	

TYPE N° Cores x sec. Nr x mm ²	MEIDUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE	TYPE N° Cores x sec. Nr x mm ²	MEIDUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
4x0,50	7,1	73	B82C04050	2x1,5	7,6	93	B82C02150
3x/G0,75	7,2	75	B82C03075	3G1,5	8,0	108	B82C03150
2x1	7,2	78	B82C02100	4G1,5	8,8	132	B82C04150
3x/G1	7,6	90	B82C03100	5G1,5	9,6	160	B82C05150
4x1	8,3	110	B82C04100	4G2,5	10,7	199	B82C04250
5G1	9,3	130	B82C05100				