

Power, controls and signaling cables, fire retardant and low halogens emission.



1. Conductor
2. Insulation
3. Sheath

CPR
EU 305/2011

Cca-s3,d0,a3

APPLICATION: Suitable for energy transport , signaling and control in the connections to the mobile equipment. 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 and mobile indoor 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 (Tab 9)
Insulation:	PVC di qualità R2	CEI EN 50363
Cores colour:		DIN 47100 - UNEL 00722 - HD 308
Sheath:	PVC, TM2 quality	CEI EN 50363
Sheath colour:	grey RAL 7035	
Low halogens emission:	(< 22 %)	CEI EN 50267-2-1 - IEC 60754-1
Oil resistant:		CEI 20-34/0-1
DC resistance:	(0,22 mm ² ≤ 91 Ω/km) (0,35 mm ² ≤ 57 Ω/km)	CEI EN 60228 (Tab 9)
Current capacity:		CEI 20-40
Rated voltage U ₀ /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:	Ø x 6	
Max standard twisting (2x cable):	≥ 10 twist/meter	

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 FROR 450/750 V O.R. Cca-s3,d0,a3 CE Type -Year/Lot - 00000 m

TYPE Nr x mm ²	MEIDUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE	TYPE Nr x mm ²	MEIDUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
2x0,50	4,6	31	B81C02050	24x0,50	11,5	237	B81C24050
3x0,50	4,8	38	B81C03050	2x0,75	5,4	44	B81C02075
4x0,50	5,3	46	B81C04050	3x0,75	5,7	54	B81C03075
6x0,50	6,4	66	B81C06050	4x0,75	6,2	68	B81C04075
8x0,50	7,2	89	B81C08050	6x0,75	7,5	96	B81C06075
10x0,50	8,0	106	B81C10050	7G0,75	7,5	110	B81C07075
12x0,50	8,4	125	B81C12050	8x0,75	8,2	118	B81C08075
14x0,50	9,1	142	B81C14050	10G0,75	9,4	162	B81C10075
16x0,50	9,5	161	B81C16050	12x0,75	10,1	177	B81C12075
18x0,50	10,0	175	B81C18050				