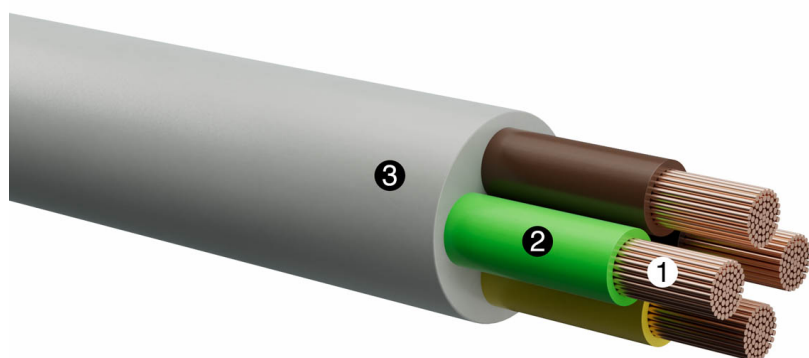


FROR 450/750V O.R.

Power, control and signalling cables, fire retardant, low halogens emission and oil resistant.



Legend

1. Conductor
2. Insulation
3. Sheath



CPR CLASSIFICATIONS
Cca-s3,d0,a3



View the product
on the website

DETAILS

Key features

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.

Application

Suitable for energy transport, signalling 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).

TECHNICAL SPECIFICATIONS

Features	Values	Rules
Conductors:	annealed red copper	CEI EN 60228 (Table 9)
Insulation :	PVC, quality R2	CEI EN 50363
Cores colour :		DIN 47100 - UNEL 00722 - HD 308
Sheath:	PVC, quality TM2	CEI EN 50363
Sheath colour :	Grey RAL 7035	
Low halogens emission:	(< 22%)	IEC 60754-1
Oil resistant:		CEI 20-34/0-1
DC resistance:		CEI EN 60228 (Table 9)
Current capacity :		CEI 20-40
Rated voltage U _o /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	

UE REGULATION 305/2011

Features	Values	Rules
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.	

VARIANTS

TYPE N° x mm ²	Ø MEDIUM EXTERIOR mm	MEDIUM WEIGHT kg/km	CODE
2x0,50	4.6	31	B81C02050
3x0,50	4.8	38	B81C03050
3G0,50	4.8	38	B81C03G050
4x0,50	5.3	46	B81C04050
4G0,50	5.3	46	B81C04G050
6x0,50	6.4	66	B81C06050
8x0,50	7.2	89	B81C08050
10x0,50	8	106	B81C10050
12x0,50	8.4	125	B81C12050
14x0,50	9.1	142	B81C14050
16x0,50	9.5	161	B81C16050
18x0,50	10	175	B81C18050
24x0,50	11.5	237	B81C24050

TYPE N° x mm ²	Ø MEDIUM EXTERIOR mm	MEDIUM WEIGHT kg/km	CODE
2x0,75	5.4	44	B81C02075
3x0,75	5.7	54	B81C03075
3G0,75	5.7	54	B81C03G075
4x0,75	6.2	68	B81C04075
4G0,75	6.2	68	B81C04G075
6x0,75	7.5	96	B81C06075
7G0,75	7.5	110	B81C07G075
8x0,75	8.2	118	B81C08075
8G0,75	8.2	118	B81C08G075
10x0,75	9.4	162	B81C10075
10G0,75	9.4	162	B81C10G075
12x0,75	10.1	177	B81C12075
12G0,75	10.1	177	B81C12G075

L'azienda si riserva la facoltà di modificare/adeguare senza preavviso le informazioni tecniche e dimensionali dei prodotti inseriti nel sito.