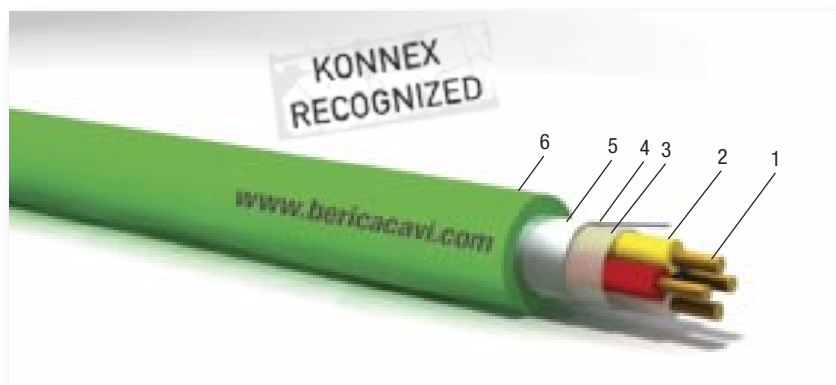


Cables for home automation systems, AI/Pet tape screen, halogen-free



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

CPR
EU 305/2011

Cca-s1b,d0,a1

APPLICATION: Used in home automation for edificici (eg. Decentralized control of lighting, heating, air conditioning, ventilation, energy management, switches, thermostats, infrared, wind gauges etc.).The signal transmission is carried out for serial.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 indoor installation in dry or wet enviroments. They can be installed in cable trays, pipes, conduits and similar systems. Not for direct burial.

FEATURES	DESCRIPTION	STANDARDS
Conductors:	annealed red copper (cl. 1)	CEI EN 60228 (Tab. 9)
Insulation:	LSZH compound	CEI EN 50363
Cores colour:	1x2x Red - black , 2x2x Red - white - black - yellow	
Assembling:	Pet tape	
Drain wire:	annealed tinned copper 1x0,40 mm	
Shield:	AI/Pet tape	
Sheath:	LSZH compound	CEI EN 50363
Sheath colour:	green RAL 6018	
Cond-cond capacitance.:	< 100 pF/m a 10 kHz	
Inductance:	< 0,85 µH/m a 10 kHz	
DC resistance:	according to	CEI EN 60228 (Tab. 9)
Rated voltage Uo/U:	300/300 V	
Max voltage:	330 V	
Testing voltage:	4000 V (conductor+shield-water)	
Max working temperature:	70 °C	
Short circuit temperature:	160 °C	
Min. installation temperature:	0 °C	
Bending radius:	Ø x 10	

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 ≤ 2m)	EN 50399
s1b:	Smoke transmittance ≥ 60% <80% (TSP ≤ 50 m2 and SPR ≤ 0.25 m2 / 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 ≤ 425 mm)	EN 60332-1-2
Printing:	BERICA CAVI S.P.A. ITALY Cca-s1b,d0,a1 CE EIB H(ST)H LSZH Type Year/Lot - 00000m	

TYPE N° Cores x Ø N° x mm	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
1x2x0,80	5,8	37	B66C01C080LSZH
2x2x0,80	6,3	52	B66C02C080LSZH