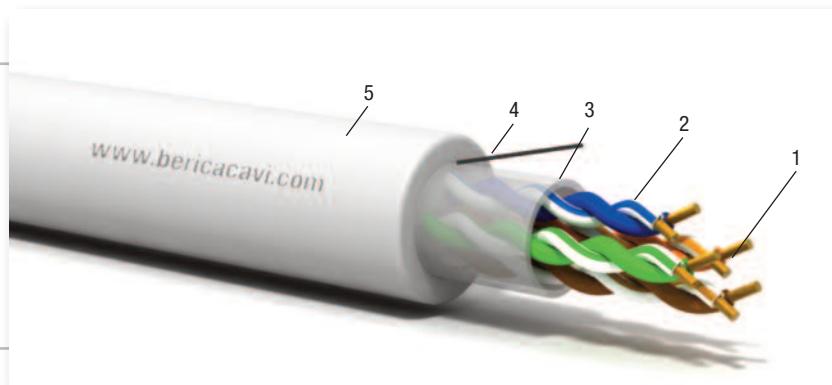


Data transmission cables, flame retardant and low halogens emission.

CPR
EU 305/2011

Eca

1. Conductor
2. Insulation
3. Assembling
4. Stripping wire
5. Sheath



APPLICATION: Used for data transmission up to 100 MHz in structured cabling systems LAN (CEI EN 50173 class D). Installations not provided by upper and lower classes where there is no risk of fire or danger to people and / or people things (**Low risk installed individually**).

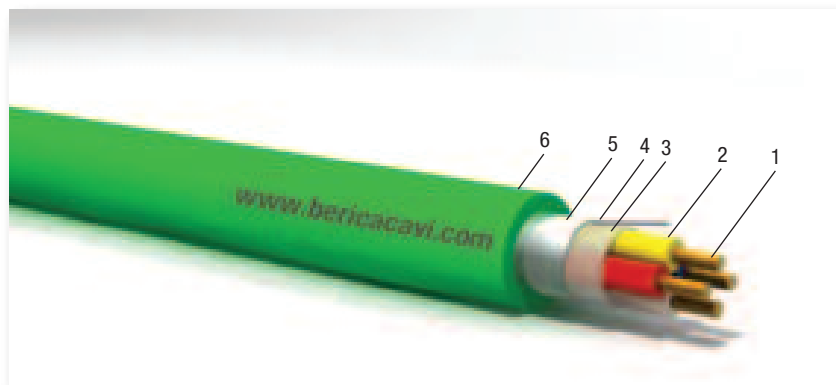
INSTALLATION: For fixed indoor installation. They can be installed on platforms, pipes, conduits and similar systems.

FEATURES	DESCRIPTION	STANDARDS
Conductors:	annealed red copper (24AWG)	
Insulation:	low density polyethylene LDPE	
Cores colour:	white blue/blue - white orange/orange - white green/green - white brown/brown	
Assembling:	Pet tape	
Stripping wire:	Pet	
Sheath:	PVC quality RZ	CEI EN 50363
Sheath colour:	ivory RAL 9001	
DC resistance:	< 190 Ω/km (loop)	CEI EN 50288-2-1/3-1
Impedance:	100 ± 5Ω a 100 MHz	
Testing voltage:	700 Vac x 1 min.	
Max working temperature:	70 °C	
Min. installation temperature:	0 °C	
Bending radius:	Ø x 8	
REGULATION (UE) 305/2011		
System AVCP:	3	EN 50575:2014 + A1:2016
Classification:	Eca	UNI EN 13501-6
Eca:	Flame propagation (H ≤ 425 mm)	EN 60332-1-2
Printing:	BERICA CAVI S.P.A. ITALY Type 100 OHM Eca Year/Lot - 00000 m	

	Mhz	4	10	16	20	31,25	62,5	100
Attenuation:	dB/100 m	4,0	6,3	8,0	9,0	11,4	16,5	21,3
NEXT:	dB/100 m	56,3	50,3	47,2	45,8	42,9	38,4	35,3
Return loss:	dB/100 m	23,0	25,0	25,0	25,0	23,6	21,5	20,1

TYPE	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
UTP 4x2x24AWG	5,3	33,0	B76E04CA24

Cables for home automation systems, Al/Pet tape screen, fire retardant and low halogens emission.



1. Conduttore
2. Isolante
3. Separatore
4. Drenaggio
5. Schermatura
6. Guaina

CPR
EU 305/2011

Cca-s3,d0,a3

APPLICATION: Used in home automation systems for buildings, for example in decentralized control of lighting, heating, cooling, ventilation, energy management, switches, thermostats, infrared, anemometers. The signals are transmitted via serial interface. 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 indoor installation in dry or wet environments. 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:	PVC, R2 quality	CEI EN 50363
Cores colour:	1x2x Red - black , 2x2x Red - white - black - yellow	
Assembling:	Pet tape	
Drain wire:	annealed tinned copper 1x0,40 mm	
Screen:	Al/Pet tape	
Sheath:	PVC , Rz quality	CEI EN 50363
Sheath colour:	green RAL 6018	
Low halogens emission:	(< 22%)	CEI EN 50267-2-1 - IEC 60754-1
Cond-cond capacitance:	< 100 pF/m a 10 kHz	
Inductance:	< 0,85 µH/m a 10 kHz	
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-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 Cca-s3,d0,a3 CE EIB Y(ST)Y n° pairs x diameter year/Lot - 00000 m	

TYPE Nr x mm	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
1x2x0,80	4,8	33	B66C01C080
2x2x0,80	5,3	49	B66C02C080