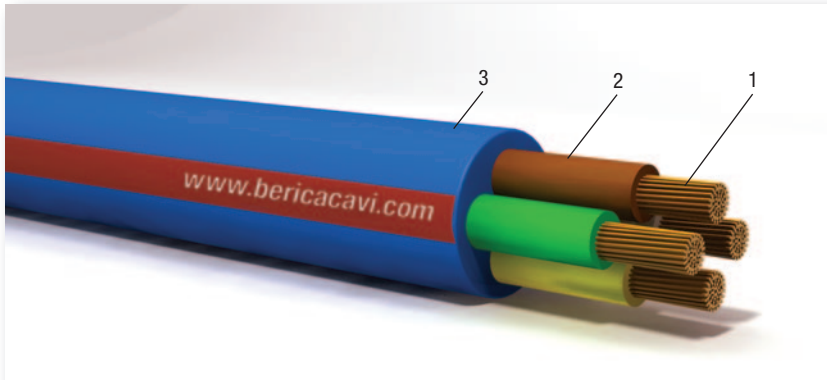


Cables for signal transmission and commands, fire retardant, low halogens emission and UV resistant.



1. Conductor
2. Insulation
3. Sheath

**CEI UNEL**  
**36762**

**APPLICATION:** Suitable for the transmission of signals and controls for the interconnection of instrumentation and control systems with transmission of digital and analog signals in outdoor environments, that require more protection against the elements and in particular ultraviolet rays.

**INSTALLATION:** For fixed or mobile installation, indoor and outdoor. They can be installed on platforms, pipes, conduits and similar systems. They can be laid together with power cables with marking both 450/750V and 0.6 / 1 kV used for systems with a nominal voltage to ground (U<sub>0</sub>) up to 400 V.

FEATURES	DESCRIPTION	STANDARDS
Conductors :	annealed red copper cl.5	CEI EN 60228 (Tab. 9)
Insulation :	PVC , quality R2	CEI EN 50363
Cores colour :	(UNEL 00722 x 2/3x1,5 mm <sup>2</sup> )	DIN 47100
Sheath :	PVC , quality Rz (FROR) - Polyethylene PE (FROE)	CEI EN 50363
Sheath colour :	blue RAL 5015 with red line RAL 3000	
Fire retardant :		CEI 20-22/II
Flame retardant :		CEI EN 60332-1-2
Low halogens emission :	(< 22 %)	CEI EN 50267-2-1 - IEC 60754-1
Oil resistant :		CEI 20-34/0-1
UV resistant :		HD 605
DC resistance :	according to	CEI EN 60228 (Tab. 9)
Testing voltage :	2000 V	
Max working temperature :	70 °C	
Short-circuit temperature :	160 °C	
Min. installation temperature :	0 °C	
Bending radius :	Ø x 6	
Max standard twisting (cable 2x):	≥ 10 twist/meter	
Printing:	BERICA CAVI S.P.A. ITALY FROR CEI UNEL 36762 C-4 (U <sub>0</sub> =400 V) CEI 20-22 II O.R. UV RESISTANT CE Year/Lot -Type - 00000 m	

TYPE N° x mm <sup>2</sup>	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE	TYPE N° x mm <sup>2</sup>	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
2x0,50	5,0	36,0	B8002050	16x0,50	9,9	170,0	B8016050
3x0,50	5,2	41,0	B8003050	20x0,50	10,7	220,0	B8020050
4x0,50	5,7	50,0	B8004050	24x0,50	11,9	250,0	B8024050
6x0,50	6,8	76,0	B8006050	2x1	6,2	60,0	B8002100
8x0,50	7,6	93,0	B8008050	4x1	7,3	92,0	B8004100
10x0,50	8,4	120,0	B8010050	2x1,5 + 4x0,50	8,3	144,0	B80215405
12x0,50	8,8	136,0	B8012050	3G1,5 + 4x0,50	8,8	162,0	B80315405