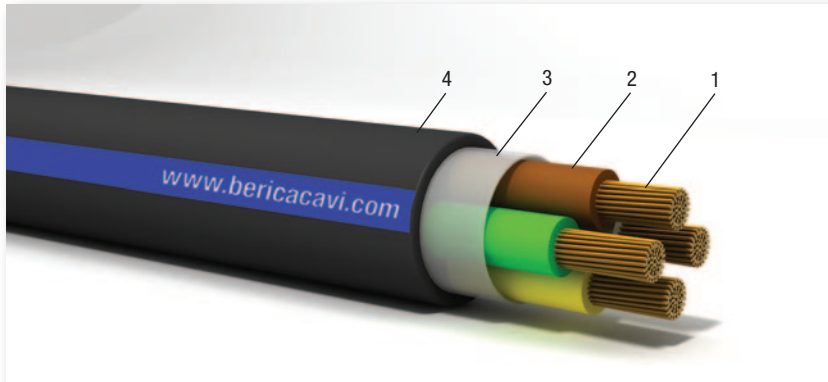


Cables for data transmission and commands, with low halogens emission.



1. Conductor
2. Insulation
3. Assembling
4. 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.

**INSTALLATION:** For fixed burial outdoor installation, in humid and temporary presence of water environments. 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
Assembling :	Pet tape	
Sheath :	polyethylene PE	CEI EN 50363
Sheath colour :	black RAL 9005 with blue line RAL 5015	
Low halogens emission :	(< 22 %)	CEI EN 50267-2-1 - IEC 60754-1
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 FROE CEI UNEL 36762 C-4 (U <sub>0</sub> =400 V) 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	29,0	B8302050	16x0,50	9,9	151,0	B8316050
3x0,50	5,2	35,0	B8303050	20x0,50	10,7	182,0	B8320050
4x0,50	5,7	44,0	B8304050	24x0,50	11,9	222,0	B8324050
6x0,50	6,8	64,0	B8306050	2x1	6,2	49,0	
8x0,50	7,6	82,0	B8308050	4x1	7,3	76,0	
10x0,50	8,4	102,0	B8310050	2x1,5 + 4x0,50	8,3	115,0	
12x0,50	8,8	117,0	B8312050	3G1,5 + 4x0,50	8,8	144,0	