

## Cables 0,6/1 kV VV-K 0,6/1 kV



### Description

These cables are indicated for industrial connections, control of solenoid valves, machine start-up, robots and internal distribution installations. It can be used in underground networks and permanent installations. The special construction of these cables affords high flexibility, making them very appropriate in complex and extremely difficult installations.  
Reference Standards: UNE 21123, HD 603 S1 and IEC 60502

### Applications

Suitable for the following installations:  
- Outdoor lighting installations  
- Indoor or receiver installations

### Technical Characteristics

1. Conductor	Flexible electrolytic copper conductor (Class V) according to BS EN 60228:2005 (previously BS6360) and UNE 60228.
2. Insulation	PVC insulation, type A, according to UNE 21123 and IEC 60502-1.
3. Sheath	PVC sheath, type ST-1, according to UNE 21123 and IEC 60502-1.
Nominal voltage	0,6/1 kV
Test voltage	3.500 V A.C.
Maximum temperature	70 °C

#### Other characteristics

UV Resistance: climatic test according to UNE 211605

Colours according to UNE 21089 and HD 303S2 (colour marking when less than five conductors) and UNE-EN 50334 and EN 50334 (inscription marking when more than five conductors, with grounding core)

Non-flame propagating according to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2

PVC insulation and sheath with reduced hydrogen chloride (HCL) emission

CPR Classification according to EN 50575

**Dimensions**

Section (mm <sup>2</sup> )	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x1,5	13,3	5,20	41	-
1x2,5	7,98	5,60	51	-
1x4	4,95	6,10	68	-
1x6	3,3	7,00	93	-
1x10	1,91	7,90	138	-
1x16	1,21	8,75	184	-
1x25	0,78	10,45	273	Eca
1x35	0,554	12,40	392	Eca
1x50	0,386	14,40	557	Eca
1x70	0,272	16,20	759	Eca
1x95	0,206	19,00	926	Eca
1x120	0,161	20,10	1.224	Eca
1x150	0,129	22,30	1.443	Eca
1x185	0,106	24,70	1.742	Eca
1x240	0,0801	27,90	2.364	Eca
1x300	0,0641	29,45	2.823	Eca
2x1,5	13,3	8,85	92	-
3G1,5	13,3	9,35	115	-
3G2,5	7,98	10,00	138	-
3G4	4,95	11,40	196	Eca
3G6	3,3	13,30	272	Eca
3G10	1,91	15,30	407	Eca
4G1,5	13,3	10,10	141	Eca
4G2,5	7,98	11,20	182	Eca
4G4	4,95	12,40	248	Eca
4G6	3,3	14,55	349	Eca
4G10	1,91	16,75	527	Eca
5G1,5	13,3	11,10	172	Eca
5G2,5	7,98	12,15	220	Eca
5G4	4,95	13,50	303	Eca
5G6	3,3	15,95	431	Eca
6G1,5	13,3	11,85	194	Eca
6G2,5	7,98	13,40	268	Eca
6G4	4,95	14,70	364	Eca

Section (mm <sup>2</sup> )	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
6G6	3,3	17,40	519	Eca
7G1,5	13,3	11,85	219	Eca
7G2,5	7,98	13,40	298	Eca
7G4	4,95	14,70	407	Eca
7G6	3,3	17,40	583	Eca
8G1,5	13,3	12,70	251	Eca
8G2,5	7,98	14,55	321	Eca
10G1,5	13,3	14,70	332	Eca
10G2,5	7,98	17,30	473	Eca
10G4	4,95	17,05	577	Eca
12G1,5	13,3	14,70	369	Eca
12G2,5	7,98	16,90	517	Eca
14G1,5	13,3	16,15	447	Eca
14G2,5	7,98	18,20	611	Eca
16G1,5	13,3	17,10	511	Eca
16G2,5	7,98	20,10	736	Eca
18G1,5	13,3	18,05	576	Eca
19G1,5	13,3	18,05	596	Eca
19G2,5	7,98	19,40	766	Eca
21G2,5	7,98	20,60	861	Eca
24G1,5	13,3	19,85	742	Eca
24G2,5	7,98	23,70	1.100	Eca
27G1,5	13,3	20,95	822	Eca
30G1,5	13,3	22,30	962	Eca
30G2,5	7,98	25,35	1.336	Eca
37G1,5	13,3	23,30	1.129	Eca
37G2,5	7,98	25,95	1.516	Eca
44G1,5	13,3	25,15	1.347	Eca
44G2,5	7,98	28,10	1.814	Eca
48G1,5	13,3	26,10	1.470	Eca
48G2,5	7,98	29,20	1.983	Eca
61G1,5	13,3	28,95	1.872	Eca
61G2,5	7,98	32,40	2.527	Eca

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