

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 type A according to UNE 21123, HD 603 S1 and IEC 60502
3. Sheath	PVC type ST-1 according to UNE 21123, HD 603 S1 and IEC 60502
Nominal voltage	0,6/1 kV
Test voltage	3.500 V A.C.
Maximum temperature	70 °C
UV Resistance	Climatic ageing test according to UNE 211605
Colours	According to UNE 21089 and HD 308 S2 (colour-marked for less than five drivers), UNE-EN 50334 and EN 50334 (marked by registration for more than five drivers)
No flame spread	According to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2

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Dimensions

Section (mm ²)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x4	4,95	6,1	69	
1x6	3,3	6,9	93	
1x10	1,91	7,7	133	
1x16	1,21	9,4	188	
1x25	0,78	10,8	283	Eca
1x35	0,554	12,4	66	Eca
1x50	0,386	14,4	567	Eca
1x70	0,272	16,2	759	Eca
1x95	0,206	19	1015	Eca
1x120	0,161	20,5	1247	Eca
1x150	0,129	22,26	1496	Eca
1x185	0,106	24,7	1765	Eca
1x240	0,0801	27,9	2417	Eca
1x300	0,0641	29,44	2832	Eca
2x1,5	13,3	8,84	107	
3x1,5	13,3	9,34	114	
3x2,5	7,98	10	146	
4x1,5	13,3	10,14	153	Eca
4x4	4,95	12,4	252	Eca
4x6	3,3	14,55	353	Eca
4x35	0,554	24,6	1670	Eca
5x1,5	13,3	11	184	Eca
6x1,5	13,3	11,82	228	Eca

Section (mm ²)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
6x2,5	7,98	13,39	296	Eca
7x1,5	13,3	11,82	225	Eca
7x2,5	7,98	13,39	312	Eca
7x4	4,95	14,7	413	Eca
7x6	3,3	17,4	590	Eca
8x1,5	13,3	12,7	275	Eca
8x2,5	7,98	14,53	363	Eca
10x1,5	13,3	14,7	331	Eca
10x2,5	7,98	17,3	497	Eca
10x4	4,95	17,05	607	Eca
11x26,5	0	18,35	508	Eca
12x1,5	13,3	14,7	357	Eca
12x2,5	7,98	16,9	497	Eca
14x1,5	13,3	16,15	421	Eca
14x2,5	7,98	18,2	575	Eca
16x1,5	13,3	17,1	476	Eca
16x2,5	7,98	20,1	684	Eca
19x1,5	13,3	18,05	542	Eca
19x2,5	7,98	19,4	767	Eca
24x1,5	13,3	19,85	657	Eca
24x2,5	7,98	23,68	971	Eca
27x1,5	13,3	20,95	734	Eca
30x1,5	13,3	22,3	825	Eca
37x1,5	13,3	23,3	939	Eca