

## 0,6/1kV Cables

### VV-K



### 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.



### Applications

- Outdoor lighting installations.
- Indoor or receiver installations

### Technical characteristics

<b>1. Conductor</b>	Flexible electrolytic copper conductor (Class V) according to BS EN 60228:2005 (previously BS 6360) and UNE 60228.
<b>2. Insulation</b>	PVC insulation, type A, according to UNE 21123 and IEC 60502-1.
<b>3. Sheathing</b>	PVC sheath, type ST-1, according to UNE 21123 and IEC 60502-1.
<b>Rated voltage</b>	0,6/1kV
<b>Test voltage</b>	3.500V in A.C.
<b>Maximum temperature</b>	70°C

#### Other characteristics

- Colours according to UNE 21089 (marked with colours for less than five conductors) and HD 308S2:2001
- Colours according to UNE-EN 50334 (marked by inscription for more than five conductors) and EN 50334:2001
- Non-flame propagating according to UNE-EN 60332, EN 60332 and IEC 60332
- PVC insulation and sheath with reduced hydrogen chloride (HCL) emission



## Dimensions

Section (mm <sup>2</sup> )	Resistance at 20 °C (Ω/km)	External Diameter (mm)	Weight (Kg/Km)	Section (mm <sup>2</sup> )	Resistance at 20 °C (Ω/km)	External Diameter (mm)	Weight (Kg/Km)
1x1,5	13,30	4,92	37	4G4	4,95	13,18	303
1x2,5	7,98	5,39	49	4G6	3,30	14,53	399
1x4	4,95	6,26	70	4G10	1,91	17,00	589
1x6	3,30	6,82	92	4G16	1,21	19,18	845
1x10	1,91	7,84	134	4G25	0,780	23,29	1280
1x16	1,21	8,74	192	4G35	0,554	26,20	1707
1x25	0,780	10,44	288	4G50	0,386	32,15	2493
1x35	0,554	11,64	383	4G70	0,272	36,71	3368
1x50	0,386	13,54	535	4G95	0,206	44,21	4621
1x70	0,272	15,29	721	4G120	0,161	48,16	5688
1x95	0,206	18,4	980	4G150	0,129	55,29	7187
1x120	0,161	19,9	1207	4G185	0,106	60,54	8778
1x150	0,129	22,86	1514	4G240	0,0801	67,35	11223
1x185	0,106	25,12	1861	5G1,5	13,30	10,80	181
1x240	0,0801	27,88	2388	5G2,5	7,98	12,07	247
1x300	0,0641	29,44	2943	5G4	4,95	14,41	368
1x400	0,0486	34	3891	5G6	3,30	15,93	487
2x1,5	13,30	8,64	103	5G10	1,91	18,68	723
2x2,5	7,98	9,58	136	5G16	1,21	21,11	1041
2x4	4,95	11,32	197	5G25	0,780	25,70	1581
2x6	3,30	12,44	254	5G35	0,554	29,10	2122
2x10	1,91	14,48	367	5G50	0,386	35,95	3117
2x16	1,21	16,28	512	5G70	0,272	41,04	4210
2x25	0,780	19,68	769	5G95	0,206	49,32	5764
2x35	0,554	22,08	1013	6G1,5	13,30	12,29	235
2x50	0,386	26,88	1440	6G2,5	7,98	13,57	315
2x70	0,272	30,74	1984	7G1,5	13,30	12,20	245
2x95	0,206	36,8	2728	7G2,5	7,98	13,46	330
2x120	0,161	40,16	3346	8G1,5	13,30	13,19	285
2x150	0,129	45,92	4236	8G2,5	7,98	14,61	385
2x185	0,106	50,64	5200	10G1,5	13,30	15,30	355
2x240	0,0801	56,16	6593	10G2,5	7,98	16,98	475
3G1,5	13,30	9,13	124	12G1,5	13,30	15,80	390
3G2,5	7,98	10,14	165	12G2,5	7,98	17,54	530
3G4	4,95	12,02	243	14G1,5	13,30	16,60	435
3G6	3,30	13,23	318	16G1,5	13,30	17,53	495
3G10	1,91	15,44	466	16G2,5	7,98	19,50	670
3G16	1,21	17,38	663	19G1,5	13,30	18,49	560
3G25	0,780	21,05	1001	19G2,5	7,98	20,70	765
3G35	0,554	23,64	1330	24G1,5	13,30	21,58	710
3G50	0,386	28,95	1940	24G2,5	7,98	24,10	975
3G70	0,272	33,05	2617	27G1,5	13,30	24,20	804
3G95	0,206	39,78	3595	27G2,5	7,98	26,60	1.114
3G120	0,161	43,18	4405	30G1,5	13,30	24,40	874
3G150	0,129	49,39	5552	30G2,5	7,98	27,60	1.217
3G185	0,106	54,44	6823	33G1,5	13,30	25,40	947
3G240	0,0801	60,38	8688	33G2,5	7,98	27,80	1.238
4G1,5	13,30	9,93	151	37G1,5	13,30	26,30	1.040
4G2,5	7,98	11,07	204	37G2,5	7,98	30,00	1.468

### ZARAGOZA HEADQUARTERS

Crta. Castellón Km 226,9  
50720 La Cartuja Baja  
Zaragoza - España  
telephone +34 976 500120  
fax +34 976 500138  
e-mail info@rct.es

### BARCELONA WAREHOUSE

Cables RCT Depósito Barcelona  
C/ Maresme 87-91  
08019 Barcelona - España  
telephone +34 93 3079562  
fax +34 93 3073400  
e-mail barna@rct.es

### SEVILLA WAREHOUSE

Cables RCT Depósito Sevilla  
Pol Ind Calonge C/ Bronce Nave 4  
41007 Sevilla - España  
telephone +34 954 354946  
fax +34 954 358491  
e-mail sevilla@rct.es

### VALENCIA WAREHOUSE

Cables RCT Depósito Valencia  
Pol Ind Sedaví C/ Sequía de Calvera 5 A  
46910 Valencia - España  
telephone +34 96 3759070  
fax +34 96 3759435  
e-mail valencia@rct.es