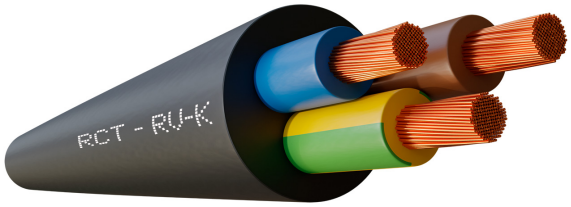
Cables 0.6/1 kV

RV-K 0,6/1 kV



Description

These cables are indicated for the transport and distribution of low voltage electricity. Recommended for industrial connections, service connections, internal distribution and other permanent installations. Suitable for indoor and outdoor installations, on uncovered cable trays, in tubes and buried.

Given their great flexibility they are very appropriate for complex and extremely difficult installations.

Reference Standards UNE 21123, HD 603 S1 and IEC 60502

Applications

Suitable for the following installations:

- Underground networks for low voltage distribution
- Underground supply networks for outdoor lighting installations
- Electricity distribution networks
- Underground service connectionsIndoor or receiver installations
- Installations in premises with special characteristics

Technical Characteristics

1. Conductor	Flexible electrolytic copper conductor (Class V) according to BS EN 60228:2005 (previously BS6360) and UNE 60228
2. Insulation	Cross-linked polyethylene (XLPE), type DIX-3, according to UNE 21123 and HD 603S1
3. Sheath	PVC sheath,|type DMV-18, according to HD 603S1.
Test voltage	3.500 V A.C.
Maximum temperature	90 ºC
Minimum temperature	-15ºC According to standard cold tests
Minimum installation temperature	0º C According to UNE 21123
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
UV Resistance	Climatic ageing test according to UNE 211605

RV-K 0,6/1 kV

Dimensions

Section (mm2)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x1,5	13,3	5,64	43	Eca
1x2,5	7,98	6,04	55	Eca
1x4	4,95	5,9	61	Eca
1x6	3,3	6,54	82	Eca
1x10	1,91	7,3	122	Eca
1x16	1,21	8,5	181	Eca
1x25	0,78	10,24	270	Eca
1x35	0,554	11,55	366	Eca
1x50	0,386	13,1	500	Eca
1x70	0,272	15,05	689	Eca
1x95	0,206	17,6	907	Eca
1x120	0,161	19,4	1131	Eca
1x150	0,129	21,8	1415	Eca
1x185	0,106	23,6	1703	Eca
1x240	0,0801	26,8	2295	Eca
1x300	0,0641	29,9	2817	Eca
1x400	0,0486	33,2	3630	Eca
2x1,5	13,3	8,22	92	Eca
2x2,5	7,98	9,1	120	Eca
2x4	4,95	10,04	158	Eca
2x6	3,3	11,2	210	Eca
2x10	1,91	13,2	309	Eca
2x16	1,21	16,5	537	Eca
2x25	0,78	20,79	837	Eca
2x35	0,554	22,6	1062	Eca
2x50	0,386	25,7	1436	Eca

Section (mm2)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
3x1,5	13,3	8,84	109	Eca
3x2,5	7,98	9,68	145	Eca
3x4	4,95	10,88	199	Eca
3x6	3,3	11,95	262	Eca
3x10	1,91	14	394	Eca
3x16	1,21	17,53	670	Eca
3x25	0,78	22,03	1037	Eca
3x35	0,554	24,3	1362	Eca
3x50	0,386	27,6	1838	Eca
4x1,5	13,3	9,6	131	Eca
4x2,5	7,98	10,6	176	Eca
4x4	4,95	11,8	243	Eca
4x6	3,3	13,16	328	Eca
4x10	1,91	15,2	503	Eca
4x16	1,21	19,08	830	Eca
4x25	0,78	23,99	1278	Eca
4x35	0,554	27,13	1740	Eca
4x50	0,386	30,8	2364	Eca
5x1,5	13,3	10,36	156	Eca
5x2,5	7,98	11,4	211	Eca
5x4	4,95	12,89	293	Eca
5x6	3,3	14,47	401	Eca
5x10	1,91	17	616	Eca
5x16	1,21	20,82	1003	Eca
5x25	0,78	26,6	1577	Eca
5x35	0,554	29,6	2104	Eca
5x50	0,386	34,5	2931	Eca

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