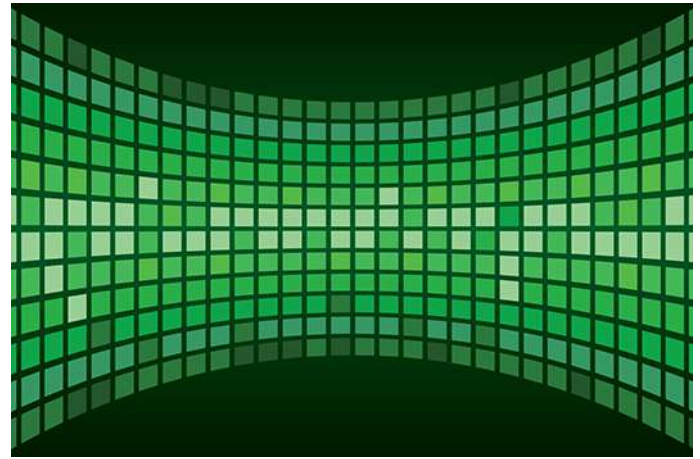
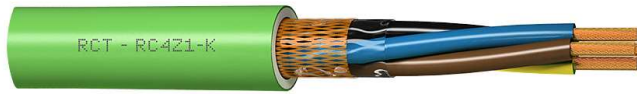


## RC4Z1-K 0,6/1 kV



### Description

These cables comply with the construction product classification criteria according to the EU CPR Regulation 305/2011 and EN 50575, being those indicated for executing permanent installations where electromagnetic protection is required to avoid parasitic currents. Their use is recommended in control applications of drivers, solenoid valves, start-up of machines and robots, remote switches, temperature, intensity or voltage regulation in motorised valves as well as for installations in computer centres, airports, road tunnels, railways and anywhere where low fumes and corrosive gas emission is required in the event of fire, such as public premises, hospitals, schools and shopping centres.

Reference Standards: HD 603 S1 and IEC 60502

### Applications

- Underground supply networks for outdoor lighting installations

They can also be used in the following applications:

- Underground networks for low voltage distribution
- Electricity distribution networks
- Underground service connections
- Installations in premises with special characteristics
- Appropriate for installations where greater fire protection is required.

### 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. Screen	Copper braid on polyester sheet.
4. Sheath	Thermoplastic polyolefin sheath according to UNE 21123
Nominal voltage	0,6/1 kV
Test voltage	3.500 V A.C.
Maximum temperature	90 °C

#### Other characteristics

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)

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

Non-fire propagating in accordance with UNE-EN 60332-3-24, EN 60332-3-24 and IEC 60332-3-24

Low halogen content according to IEC 60754-1 and 60754-2

Low corrosive gas emission according to IEC 60754-1 and 60754-2

Low opaque smoke emission according to UNE-EN 61034, EN 61034 and IEC 61034

The use of cross-linked polyethylene (XLPE) admits greater current density, at equal section, respect to the insulation with PVC.

CPR classified according to EN 50575

**Dimensions**

Section (mm <sup>2</sup> )	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x16	1,21	8,90	191	Eca
1x25	0,78	10,50	279	Eca
1x35	0,554	11,70	372	Eca
1x50	0,386	13,40	509	Eca
1x70	0,272	15,30	697	Eca
2x1,5	13,3	9,30	99	Eca
2x2,5	7,98	9,90	119	Eca
2x4	4,95	10,30	142	Eca
2x6	3,3	12,00	195	Eca
2x10	1,91	13,65	281	Eca
2x16	1,21	15,50	391	Eca
3G1,5	13,3	9,60	116	Eca
3G2,5	7,98	10,70	156	Eca
3G4	4,95	11,35	196	Eca
3G6	3,3	12,60	258	Eca
3G10	1,91	14,60	384	Eca
3x16	1,21	16,75	548	Eca
4G1,5	13,3	10,30	138	Eca
4G2,5	7,98	11,20	179	Eca
4G4	4,95	12,70	247	Eca
4G6	3,3	14,15	330	Eca
4G10	1,91	15,80	490	Eca
5G1,5	13,3	11,20	162	Eca
5G2,5	7,98	11,85	208	Eca
5G4	4,95	13,30	287	Eca
5G6	3,3	14,90	385	Eca
6G1,5	13,3	12,05	186	Eca
6G2,5	7,98	12,75	240	Eca
7G1,5	13,3	12,05	202	Eca
7G2,5	7,98	12,75	264	Eca
8G2,5	7,98	13,70	296	Eca
10G1,5	13,3	14,95	283	Eca
10G2,5	7,98	14,60	351	Eca
12G1,5	13,3	14,95	316	Eca
12G2,5	7,98	16,45	431	Eca
14G1,5	13,3	14,90	332	Eca
14G2,5	7,98	16,50	462	Eca
16G1,5	13,3	16,45	385	Eca
19G1,5	13,3	16,60	423	Eca