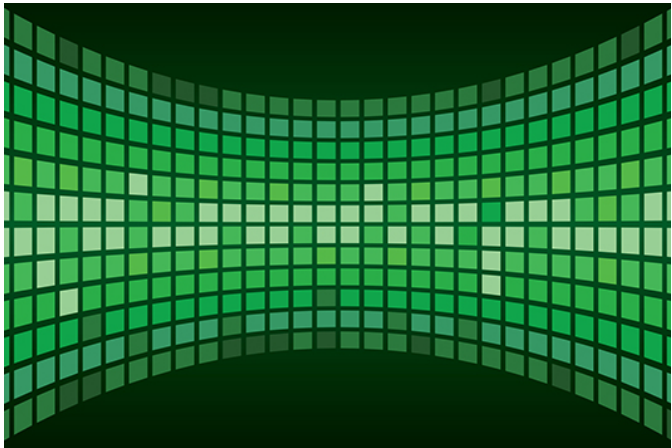
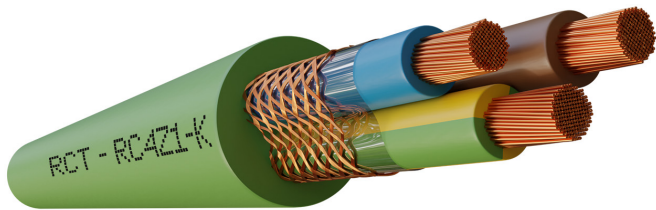


Cables Instrumentación

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. Metallic armour	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
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
Non-spread of fire CPR	According to EN 50399
Low halogen content	According to IEC 60754-1 and 60754-2
Low emission of corrosive gases	According to UNE-EN 50267, EN 50267 and IEC 60754-1 and 60754-2
Low emission of opaque fumes	According to UNE-EN 61034-2, EN 61034-2 and IEC 61034-2

The information contained on this page is for information only and does not constitute a contractual commitment of any kind from Cables RCT. 19 de noviembre de 2024
Cables RCT, as a consequence of his continuous improvement process, may modify any technical specification without further notice.



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RC4Z1-K 0,6/1 kV

Dimensions

Section (mm2)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x2,5	7,98	5,85	54	
1x6	3,3	7,9	95	
1x10	1,91	7,9	136	
1x16	1,21	8,9	196	Eca
1x25	0,78	10,45	289	Eca
1x35	0,554	11,7	385	Eca
1x50	0,386	13,4	527	Eca
1x70	0,272	15,3	717	Eca
1x95	0,206	18,6	961	
2x1,5	13,3	9,3	99	Eca
2x2,5	7,98	9,9	118	Eca
2x4	4,95	10,3	141	Eca
2x6	3,3	12	195	Eca
2x10	1,91	13,7	283	Eca
2x16	1,21	15,5	401	Eca
2x25	0,78	18,9	604	
3x1,5	13,3	9,6	115	Eca
3x2,5	7,98	10,7	155	Eca
3x4	4,95	11,35	199	Eca
3x6	3,3	12,6	263	Eca
3x10	1,91	14,6	386	Eca
3x16	1,21	16,75	563	Eca
3x25	0,78	20,1	839	
4x1,5	13,3	10,3	136	Eca
4x2,5	7,98	11,2	178	Eca
4x4	4,95	12,7	248	Eca

Section (mm2)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
4x6	3,3	14,15	334	Eca
4x10	1,91	15,8	489	Eca
4x16	1,21	18,6	723	
5x1,5	13,3	11,16	165	Eca
5x2,5	7,98	11,85	220	Eca
5x4	4,95	13,3	319	Eca
5x6	3,3	14,9	402	Eca
5x10	1,91	17,4	605	
6x1,5	13,3	12,05	195	Eca
6x2,5	7,98	12,75	258	Eca
6x6	3,3	15,85	480	Eca
7x1,5	13,3	12,05	201	Eca
7x2,5	7,98	12,75	272	Eca
8x1,5	13,3	12,8	229	Eca
8x2,5	7,98	13,7	311	Eca
10x1,5	13,3	14,95	303	Eca
10x2,5	7,98	14,6	383	Eca
12x1,5	13,3	14,95	319	Eca
12x2,5	7,98	16,45	456	Eca
14x1,5	13,3	14,9	344	Eca
14x2,5	7,98	16,5	479	Eca
16x1,5	13,3	16,45	392	Eca
16x2,5	7,98	17,5	543	Eca
19x1,5	13,3	16,6	438	Eca
19x2,5	7,98	18,45	620	
24x2,5	7,98	20,35	760	
30x2,5	7,98	22,3	926	

