



## **RZ1-K 0,6/1 kV CPR**

### **DESCRIPTION**

Single-pole, multipole insulated, and halogen-free sheathed cables.

### **APPLICATION**

Particularly indicated in places where low smoke and corrosive gas emissions are required in case of fire, e.g. in public places, individual derivations in buildings, etc.les.

### **TECHNICAL SPECIFICATIONS**

**Conductor:** Electrolytic Copper Class V according to Norma UNE-EN 60228 and IEC 60228.

**Insolation:** Cross-linked polyethylene type DIX 3 according to UNE 21123, HD 603 S1 and IEC60502-1.

**Cover:** Thermoplastic Material type DMZ-E according to UNE 21123 and UNE HD 603-1

**Rated Voltage:** 0,6/1kV

**Test Voltage:** 3.500 V C.A.

**Maximum operating temperatura:** 90°C

### **OTHER FEATURES**

Reference Standards UNE 21123, HD 603 S1 e IEC 60502

Colours according to UNE 21089

Non propagation flame according to UNE-EN 60332-1-29

Non propagation fire according to UNE-EN 60332-3-24

Low smoke halogen according to UNE- EN 50525-14

Low corrosive smoke emission according to IEC 60754 and UNE 211002 4

Low opaque smoke emission according to UNE-EN 61034-2

CPR Classification according to EN 50575

### **SUPPLY**

Rolls 100-200mts. / wooden coils type UNE

**REACTION TO FIRE**

**Cca:** Fire contribution, fire spread and heat emission performances.

**s1b:** Smoke emission performance.

**d1:** Flammable droplet/particle drop performance.

**a1:** Acidity and corrosiveness performance of the emitted gases.

**CABLES DATA**

No. Conductors per Nominal Section (mm <sup>2</sup> )	Conductor resistance at 20°C (Ohm/Km)	Maximum current capacity A	External Diameter mm.	Class
1 x 1,5	13,30	17	6,45	Cca -s1b, d1,a1
1 x 2,5	7,98	25	6,80	Cca -s1b, d1,a1
1 x 4	4,95	34	7,10	Cca -s1b, d1,a1
1 x 6	3,30	44	7,90	Cca -s1b, d1,a1
1 x 10	1,91	64	8,90	Cca -s1b, d1,a1
1 x 16	1,21	86	10,00	Cca -s1b, d1,a1
1 x 25	0,780	120	11,70	Cca -s1b, d1,a1
1 x 35	0,554	145	12,80	Cca -s1b, d1,a1
1 x 50	0,386	180	15,10	Cca -s1b, d1,a1
1 x 70	0,272	230	16,80	Cca -s1b, d1,a1
1 x 95	0,206	285	19,25	Cca -s1b, d1,a1
1 x 120	0,161	335	21,00	Cca -s1b, d1,a1
1 x 150	0,129	385	23,60	Cca -s1b, d1,a1
1 x 185	0,108	450	25,30	Cca -s1b, d1,a1
1 x 240	0,0801	535	28,60	Cca -s1b, d1,a1
2 x 1,5	13,30	17	9,65	Cca -s1b, d1,a1
2 x 2,5	7,98	25	10,25	Cca -s1b, d1,a1
2 x 4	4,95	34	11,30	Cca -s1b, d1,a1
2 x 6	3,30	44	12,75	Cca -s1b, d1,a1
3 G 1,5	13,30	17	9,85	Cca -s1b, d1,a1
3 G 2,5	7,98	25	10,50	Cca -s1b, d1,a1
3 G 4	4,95	34	12,00	Cca -s1b, d1,a1
3 G 6	3,30	44	13,40	Cca -s1b, d1,a1
4 G 1,5	13,30	17	10,90	Cca -s1b, d1,a1
4 G 2,5	7,98	25	11,80	Cca -s1b, d1,a1
4 G 4	4,95	34	12,90	Cca -s1b, d1,a1
4 G 6	3,30	44	14,50	Cca -s1b, d1,a1
5 G 1,5	13,30	17	11,65	Cca -s1b, d1,a1
5 G 2,5	7,98	25	12,65	Cca -s1b, d1,a1
5 G 4	4,95	34	13,95	Cca -s1b, d1,a1
5 G 6	3,30	44	15,70	Cca -s1b, d1,a1

