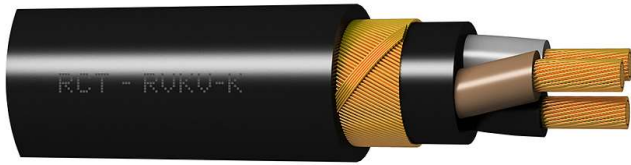


RVKV-K 0,6/1 kV



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 and voltage regulation in motorised valves. Their flexibility makes them very appropriate in 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 connections indoor or receiver installations
- Installations in premises with special characteristics

Technical Characteristics

1. Conductor	Flexible electrolytic copper, (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. Concentric conductor bedding	PVC
4. Wire screen concentric conductor	Outer conductor of copper wires and contrahelical copper wires
5. Sheath	PVC Sheath type ST-1 according to UNE 21123 and IEC 60502-1
Maximum temperature	90 °C
Nominal voltage	0,6/1 kV
Test voltage	3.500 V A.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

The use of XLPE admits greater current density, at equal section, respect to the PVC insulation

CPR classification according to EN 50575

Dimensions

Section (mm ²)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x95/95	0,206	22,80	1.829	Eca
1x120/120	0,161	24,75	2.279	Eca
1x150/150	0,129	27,15	2.834	Eca
1x185/185	0,106	29,40	3.342	Eca
1x240/240	0,0801	31,05	4.301	Eca
1x300/300	0,0641	34,05	5.348	Eca
3x1,5/1,5	13,3	12,40	188	-
3x2,5/2,5	7,98	13,90	247	Eca
3x4/4	4,95	15,15	324	Eca
3x6/6	3,3	16,35	420	Eca
3x10/10	1,91	18,85	601	Eca
3x16/16	1,21	21,80	922	Eca
3x25/25	0,78	26,05	1.515	Eca
3x35/35	0,554	28,50	1.984	Eca
3x50/50	0,386	32,85	2.723	Eca
3x70/70	0,272	35,80	2.943	Eca
3x95/95	0,206	42,20	4.875	Eca
3x120/120	0,161	47,30	6.226	Eca
3x150/150	0,129	51,95	7.666	-
3x185/185	0,106	57,05	9.186	-
3x25/16	0,78	25,45	1.265	Eca
3x35/16	0,554	27,05	1.534	Eca
3x50/25	0,386	32,85	2.147	Eca

Section (mm ²)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
3x70/35	0,272	35,80	2.957	Eca
3x95/50	0,206	40,70	3.915	Eca
3x120/70	0,161	46,05	5.040	Eca
3x150/70	0,129	50,60	6.084	-
3x185/95	0,106	55,75	7.461	-
4x2,5/2,5	7,98	15,00	297	Eca
4x4/4	4,95	14,90	380	Eca
4x6/6	3,3	17,85	495	Eca
4x10/10	1,91	20,65	727	Eca
4x16/16	1,21	24,10	1.214	Eca
4x25/25	0,78	28,10	1.763	Eca
4x35/35	0,554	31,00	2.323	Eca
4x50/50	0,386	37,00	2.859	Eca
4x70/70	0,272	41,25	4.463	Eca
4x95/95	0,206	46,60	5.196	Eca
4x120/120	0,161	52,35	7.424	-
4x25/16	0,78	26,95	1.475	Eca
4x35/16	0,554	29,35	1.861	Eca
4x50/25	0,386	34,05	2.615	Eca
4x70/35	0,272	39,05	3.600	Eca
4x95/50	0,206	44,60	4.778	Eca
4x120/70	0,161	50,35	6.126	-