

# Cables 0,6/1 kV

## RVFV-K 0,6/1 kV



### Description

Manufactured with steel band, which provides high protection against rodents and mechanical damage, and flexible copper, which makes handling and installation easier; they are indicated for transport and distribution of low voltage electricity. Their use is recommended for industrial connections, service connections, internal distribution and outdoor connections. They can be used in underground networks and permanent installations.

Reference Standards: UNE 21123, HD 603 S1 and IEC 60502

### Applications

Suitable for the following installations:

- Underground networks for low voltage distribution
- Outdoor lighting installations
- 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. Armour bedding	PVC
4. Metallic armour	Double steel tape armour.
5. Sheath	PVC Sheath type DMV-18 according to UNE 21123 and HD 603S1
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

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

CPR classification according to EN 50575

Dimensions

Section (mm <sup>2</sup> )	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
2x1,5	13,3	12,45	195	Eca
2x2,5	7,98	13,20	238	Eca
2x4	4,95	14,40	297	Eca
2x6	3,3	15,50	360	Eca
2x10	1,91	17,15	496	Eca
2x16	1,21	20,40	662	Eca
2x25	0,78	24,60	936	Eca
2x35	0,5554	26,30	1.201	Eca
2x50	0,386	30,50	1.624	-
3G1,5	13,3	13,65	221	Eca
3G2,5	7,98	13,60	265	Eca
3G4	4,95	14,90	337	Eca
3G6	3,3	16,20	417	Eca
3G10	1,91	18,10	588	Eca
3x16	1,21	21,60	800	Eca
3x25	0,78	25,70	1.155	Eca
3x35	0,5554	27,90	1.488	Eca
3x50	0,386	31,55	2.026	-
3x70	0,272	35,95	2.719	-
4x1,5	13,3	13,60	242	Eca
4x2,5	7,98	14,60	302	Eca
4x4	4,95	15,90	392	Eca
4x6	3,3	17,50	491	Eca
4x10	1,91	19,50	701	Eca
4x16	1,21	23,00	968	Eca
4x25	0,78	27,20	1.408	Eca
4x35	0,5554	30,20	1.828	-
4x50	0,386	34,20	2.501	-
4x70	0,272	40,35	3.742	-
5x1,5	13,3	14,35	272	Eca
5x2,5	7,98	15,35	343	Eca
5x4	4,95	17,05	449	Eca
5x6	3,3	18,60	569	Eca
5x10	1,91	20,95	822	Eca
5x16	1,21	24,90	1.142	Eca
5x25	0,78	29,55	1.671	-
5x35	0,5554	32,70	2.182	-
5x50	0,386	37,45	2.994	-

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