

Cables 0,6/1 kV

RVFV 0,6/1 kV



Description

Manufactured with steel band, which provides high protection against rodents and mechanical damage, they are indicated for the transport and distribution of low voltage electricity. Their use is recommended for industrial connections, service connections, internal distribution and outdoor connections. It 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	Electrolytic copper, Class I and II, 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 ²)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
2x1,5	12,1	12,40	199	Eca
2x2,5	7,41	13,30	236	Eca
2x4	4,61	14,45	293	Eca
2x6	3,08	15,80	415	Eca
2x10	1,83	17,20	499	Eca
2x16	1,15	20,20	666	Eca
2x25	0,727	23,80	967	Eca
2x35	0,524	26,40	1.244	Eca
2x50	0,387	30,20	1.625	-
3G1,5	12,1	12,70	220	Eca
3G2,5	7,41	13,60	265	Eca
3G4	4,61	15,05	383	Eca
3G6	3,08	16,35	473	Eca
3G10	1,83	18,15	597	Eca
3x16	1,15	21,40	812	Eca
3x25	0,727	25,10	1.195	Eca
3x35	0,542	28,10	1.552	-
3x50	0,387	32,70	2.049	-
4x1,5	12,1	13,50	248	Eca
4x2,5	7,41	14,40	305	Eca
4x4	4,61	15,75	393	Eca
4x6	3,08	17,75	569	Eca
4x10	1,83	19,35	715	Eca

Section (mm ²)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
4x16	1,15	22,40	986	Eca
4x25	0,727	27,40	1.464	Eca
4x35	0,524	29,90	1.914	-
4x50	0,387	33,70	2.541	-
4x70	0,268	41,00	3.842	-
5x1,5	12,1	14,30	279	Eca
5x2,5	7,41	15,20	347	Eca
5x4	4,61	16,85	452	Eca
5x6	3,08	18,90	653	Eca
5x10	1,83	20,65	839	Eca
5x16	1,15	24,60	1.167	Eca
5x25	0,727	29,90	1.745	-
5x35	0,524	32,90	2.290	-
5x50	0,387	37,00	3.051	-
7x1,5	12,1	15,25	327	Eca
7x2,5	7,41	16,40	414	Eca
10x1,5	12,1	16,75	408	Eca
12x1,5	12,1	17,60	457	Eca
12x2,5	7,41	19,15	595	Eca
19x1,5	12,1	20,85	637	Eca
27x2,5	7,41	24,50	1.071	Eca
37x1,5	12,1	25,75	1.028	Eca
37x2,5	7,41	25,75	1.407	Eca

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