

Cables 0,6/1 kV

RVFAV-K 0,6/1 kV



Description

These cables 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. The metal band provides higher protection against mechanical aggressions and the action of rodents. 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 insulation(XLPE), type DIX-3, according to UNE 21123 and HD 603S1
3. Armour bedding	PVC
4. Metallic armour	Double aluminium tape armour
5. Sheath	PVC Sheath, type, DMV-18 according to UNE 21123 and HD 603S1
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 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
1x6	3,3	12,20	189	-
1x10	1,91	13,20	242	Eca
1x16	1,21	14,25	309	Eca
1x25	0,78	15,85	416	Eca
1x35	0,5554	17,10	549	Eca
1x50	0,386	18,60	675	Eca
1x70	0,272	20,55	893	Eca
1x95	0,206	22,70	1.130	Eca
1x120	0,161	24,70	1.404	Eca
1x150	0,129	27,00	1.686	Eca
1x185	0,106	29,80	2.035	-
1x240	0,0801	32,40	2.602	-
1x300	0,0641	36,90	3.106	-
1x400	0,0486	39,30	4.015	-