

Cables 0,6/1 kV

RVFAV 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. They can be used in underground networks and permanent installations. The metal band provides greater 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	Electrolytic copper, Class 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 aluminium tape armour
5. Sheath	PVC sheath
Test voltage	3.500 V A.C.
Nominal voltage	0,6/1 kV
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
1x4	4,61	11,45	156	-
1x6	3,08	12,15	186	-
1x10	1,83	13,00	236	Eca
1x16	1,15	14,25	303	Eca
1x25	0,727	15,80	418	Eca
1x35	0,524	17,00	526	Eca
1x50	0,387	18,30	670	Eca
1x70	0,268	20,10	903	Eca
1x95	0,193	22,10	1.157	Eca
1x120	0,153	23,60	1.443	Eca
1x150	0,124	26,00	1.730	Eca
1x185	0,101	28,60	2.136	-
1x240	0,0775	31,30	2.669	-
1x300	0,062	34,40	3.298	-
1x630	0,0283	42,90	6.544	-