

Cables 0,6/1 kV

RVFV Stainless Steel 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 and HD 603S1

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	Stainless steel
5. Sheath	PVC sheath
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

CPR classification according to EN 50575

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

Dimensions

Section (mm ²)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x6	3,08	10,95	181	-
1x10	1,83	12,45	233	Eca
1x16	1,15	13,40	302	Eca



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