

Cables 0,6/1 kV

RV-K pivot 0,6/1 kV



Description

These cables are indicated for the transport and distribution of low voltage electricity. Recommended for industrial connections, service connections, internal distribution and outdoor connections.

It can be used in underground networks and permanent installations. Due to their great flexibility they are very appropriate for complex and extremely difficult 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. Sheath	PVC sheath, type DMV-18, according to HD 603S1.
Nominal voltage	0,6/1 kV
Test voltage	3.500 V A.C.
Maximum temperature	90 °C

Other characteristics

UV Resistance: climatic test according to UNE 211605

Colours according to UNE 21089 and HD 308.S2 (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

PVC sheath with reduced hydrogen chloride (HCL) emission 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)
3x6 + 4x1,5	3,3	15,60	359
4x2,5 + 6x1,5	7,98	14,10	297
4x4 + 6x1,5	4,95	16,20	374
4x2,5 + 7x1,5	7,98	15,05	320
4x4 + 7x1,5	4,95	16,30	361
4x4 + 7x2,5	4,95	16,30	419
4x6 + 7x1,5	3,3	19,50	493
4x6+7x2,5	3,3	19,50	552
4x4 + 8x1,5	4,95	17,30	414
4x6 + 8x1,5	3,3	20,80	523
4x2,5 + 9x1,5	7,98	16,00	358
4x4 + 9x1,5	4,95	18,45	440
4x6 + 9x1,5	3,3	20,80	535



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