

0,6/1kV Cables

RVFV



Description

Manufactured with steel armour, 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.



Applications

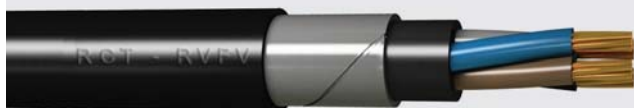
- Underground networks for low voltage distribution
- Outdoor lighting installations
- Indoor or receiver installations
- Installations in premises with special characteristics

Technical characteristics

| | |
|----------------------------|---|
| 1. Conductor | Electrolytic copper (Class I and II), according to BS EN 60228:2005 (previously BS 6360) 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. Armour | Double aluminium tape armour. |
| 5. Sheathing | PVC sheath type DMV-18, according to UNE 21123 and HD 603S1. |
| Rated voltage | 0,6/1kV |
| Test voltage | 3.500V in A.C. |
| Maximum temperature | 90°C |

Other characteristics

- Colours according to UNE 21089 and HD 303S2:2001
- Non-flame propagating according to UNE-EN 60332, EN 60332 and IEC 60332
- The use of cross-linked polyethylene (XLPE) admits greater current density, at equal section, respect to the insulation with PVC
- PVC with hydrogen chloride (HCL) emission



Dimensions

| Section (mm ²) | Resistance at 20 °C (Ω/km) | External Diameter (mm) | Weight (Kg/km) | Section (mm ²) | Resistance at 20 °C (Ω/km) | External Diameter (mm) | Weight (Kg/km) |
|----------------------------|----------------------------|------------------------|----------------|----------------------------|----------------------------|------------------------|----------------|
| 2x1,5 | 12,10 | 10,82 | 205 | 4x6 | 3,08 | 15,96 | 510 |
| 2x2,5 | 7,41 | 11,58 | 240 | 4x10 | 1,83 | 18,06 | 715 |
| 2x4 | 4,61 | 12,52 | 285 | 4x16 | 1,15 | 20,24 | 985 |
| 2x6 | 3,08 | 13,86 | 355 | 4x25 | 0,727 | 24,20 | 1.460 |
| 2x10 | 1,83 | 15,60 | 485 | 4x35 | 0,524 | 27,09 | 1.920 |
| 2x16 | 1,15 | 17,40 | 640 | 4x50 | 0,387 | 30,56 | 2.520 |
| 2x25 | 0,727 | 20,62 | 925 | 4x70 | 0,268 | 36,79 | 3.850 |
| 3x1,5 | 12,10 | 11,26 | 225 | 4x95 | 0,193 | 41,33 | 5050 |
| 3x2,5 | 7,41 | 12,08 | 265 | 5x1,5 | 12,10 | 13,11 | 290 |
| 3x4 | 4,61 | 13,10 | 340 | 5x2,5 | 7,41 | 14,14 | 375 |
| 3x6 | 3,08 | 14,55 | 430 | 5x4 | 4,61 | 15,42 | 470 |
| 3x10 | 1,83 | 16,42 | 580 | 5x6 | 3,08 | 17,24 | 605 |
| 3x16 | 1,15 | 18,37 | 790 | 5x10 | 1,83 | 19,61 | 860 |
| 3x25 | 0,727 | 21,84 | 1.160 | 5x16 | 1,15 | 22,15 | 1.200 |
| 3x35 | 0,524 | 24,57 | 1.530 | 5x25 | 0,727 | 26,81 | 1.785 |
| 4x1,5 | 12,10 | 12,28 | 260 | 5x35 | 0,524 | 29,97 | 2.370 |
| 4x2,5 | 7,41 | 13,20 | 315 | 5x50 | 0,387 | 33,43 | 3.090 |
| 4x4 | 4,61 | 14,34 | 395 | | | | |

Cables with more than 3 conductors can be manufactured with one of the cores yellow/green.

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