

# Cables 0,6/1 kV

## VVfV-K 0,6/1 kV



### Description

Manufactured with steel band, which provides high protection against rodents and mechanical damage, and flexible copper, which makes handling and installation easier; they are indicated for 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.

Reference Standards: UNE 21123, HD 603 S1 and IEC 60502

### Applications

Suitable for the following installations:

- Outdoor lighting installations
- Indoor or receiver installations

### Technical Characteristics

1. Conductor	Flexible electrolytic copper conductor (Class V) according to BS EN 60228:2005 (previously BS 6360) and UNE 60228
2. Insulation	PVC insulation, type A, according to UNE 21123 and IEC 60502-1
3. Armour bedding	PVC
4. Metallic armour	Double steel tape armour
5. Sheath	PVC Sheath type ST-1 according to UNE 21123 and IEC 60502-1
Nominal voltage	0,6/1 kV
Test voltage	3.500 V A.C.
Maximum temperature	70 °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

PVC insulation and sheath with reduced hydrogen chloride (HCL) emission

### Dimensions

Section (mm <sup>2</sup> )	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)
7x1,5	13,3	15,10	383
8x2,5	7,98	17,70	543
10x1,5	13,3	17,60	524
10x4	4,95	21,10	853
12x1,5	13,3	18,20	579
12x2,5	7,98	20,50	762
14x1,5	13,3	20,00	665
16x1,5	13,3	20,10	727
16x2,5	7,98	23,00	980
19x2,5	7,98	23,60	1.085
24x1,5	13,3	23,45	1.030
24x2,5	7,98	27,60	1.448
27x1,5	13,3	24,35	1.132
27x2,5	7,98	27,20	1.489
30x1,5	13,3	26,00	1.281
37x2,5	7,98	30,40	1.953