Caledonian

Industrial Cables (Spanish Standard)

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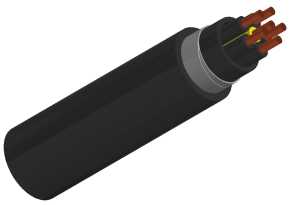
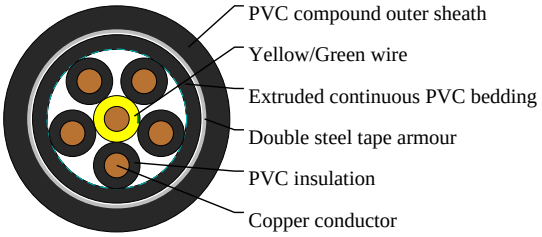
VVFV / VVFV-K





APPLICATIONS

These cables are especially suitable for fixed installations that may be subject to mechanical aggression. They are highly recommended for use in installations in warehouses, production plants and agricultural facilities where the presence of rodents could imply a threat to cable integrity. At the same time, its use is recommended for street lighting installations. In some cases, these cables are used in those places where there is a potential explosion hazard such as petrol stations or flammable product warehouses.

STANDARDS

UNE 21123-2
IEC 60502
EN 60332-1
IEC 60332-1

VOLTAGE RATING

600/1000 V

CABLE CONSTRUCTION

- Rigid electrolytic annealed copper conductor
VVFV: Class 1 solid copper conductor to IEC 60228
VVFV-K: Class 5 stranded copper conductor to IEC 60228
- PVC insulation according to IEC 60502
- Extruded continuous PVC bedding type ST1/ST2 of standard IEC 60502
- Double steel tape armour
- Flexible PVC compound outer sheath type ST1/ST2 of standard IEC 60502

COLOUR CODE

Insulation Colour Code
Color coded to VDE 0293-308
- Green-Yellow + black numbered

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000 volts
- Minimum bending radius: 10 x Ø

- Working temperature: -15º C to +90º C
- Short circuit temperature: +250º C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	AWG Size	Approx. Overall Diameter	Approx. Weight
No.×mm²		mm	kg/km
6x1.5	16	15.8	394