



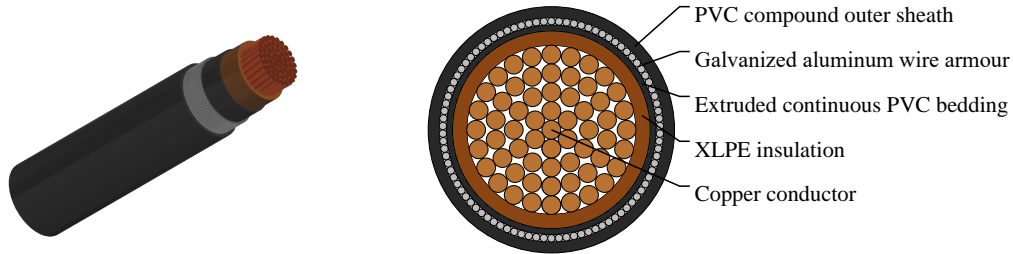
Caledonian

Industrial Cables (Spanish Standard)

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RVMV / RVMV-K



APPLICATIONS

The Powerhard M cable's design is especially suitable for fixed installation in potentially explosion hazard locations. It is highly recommended for use in petrol stations, petrochemical plants, flammable product warehouses, etc. At the same time, it can be used in installations such as production plants, agricultural facilities, street lighting and installations in general where the cable is subject to risk of mechanical aggression.

STANDARDS

UNE 21123-2

IEC 60502

EN 60332-1

IEC 60332-1

IEC 60332-3

EN 50266

VOLTAGE RATING

600/1000 V

CABLE CONSTRUCTION

- Rigid electrolytic annealed copper conductor
- RVMV: Class 2 stranded copper conductor to IEC 60228
- RVMV-K: Class 5 stranded copper conductor to IEC 60228
- XLPE insulation according to IEC 60502
- Extruded continuous PVC bedding type ST1/ST2 of standard IEC 60502
- Galvanized aluminum wire armour
- Flexible special PVC compound outer sheath type ST1/ST2 of standard IEC 60502

COLOUR CODE

Insulation Colour Code

Color coded to VDE 0293-308

Single core - Black, Blue, Green/Yellow, Red, Yellow, White, Violet, Brown, Grey, Orange, Pink

PHYSICAL AND THERMAL PROPERTIES



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- Test voltage: 2000 volts
- Minimum bending radius: 10 x Ø
- Working temperature: -15° C to +90° C
- Short circuit temperature: +250° 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. × mm ²		mm	kg/km
1x240	500MCM	32.7	2970