



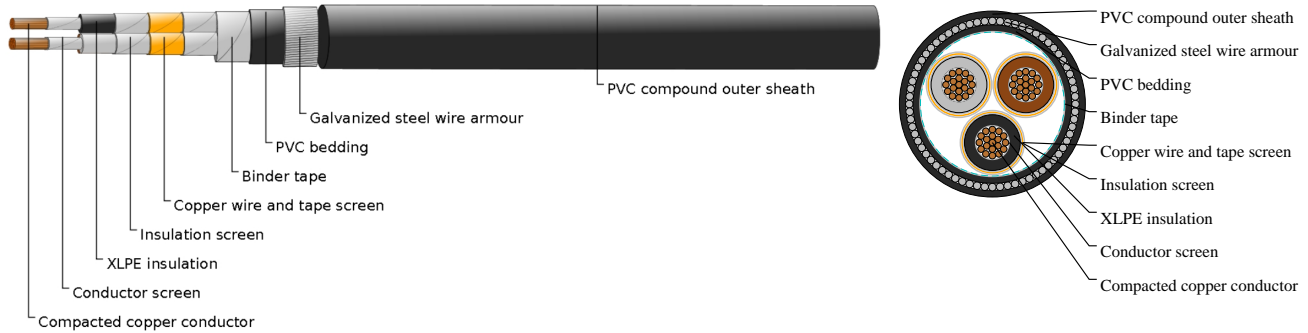
# Caledonian

Industrial Cables (Spanish Standard)

www.caledonian-cables.com

marketing@caledonian-cables.com

## RHVMV



## APPLICATIONS

This 3 conductor cable can be used for indoor and outdoor applications consists of three phases, usually used in power networks, it also can be installed in conduit and direct burial.

## STANDARDS

IEC 60502

IEC 60332-3-24(C)

## VOLTAGE RATING

6/10 KV

## CABLE CONSTRUCTION

- Compacted copper strands conductor
- Stands to IEC 60228 Class 2
- Semi-conducting conductor screen
- XLPE insulation according to IEC 60502
- Semi-conducting insulation screen
- Individual copper wire and tape screen
- PP fiber and PP tape filling
- Binder tape
- Extruded continuous PVC bedding type ST2 of standard IEC 60502
- Galvanized steel wire armour
- Flexible special PVC compound outer sheath type ST2 of standard IEC 60502

## COLOUR CODE

Insulation Colour Code

Color coded to VDE-0293-308

3 cores - Brown + Black + Grey

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 75 KV



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- Minimum bending radius: 10 x Ø(fixed installation)  
15x Ø(during operation)
- Working temperature: -10° C to +90° C
- Short circuit temperature: +250° C
- Flame retardant: IEC 60332.3
- Insulation resistance: 20 MΩ x km

## DIMENSION AND PARAMETERS

| No. of Cores<br>× Cross-<br>sectional<br>Area | AWG Size | Nominal<br>Insulation<br>Thickness | Nominal<br>Diameter<br>over<br>Insulation | Nominal<br>Dia. over<br>Bedding | Nominal<br>Steel Wire<br>Armour<br>Diameter | Approx.<br>Overall<br>Diameter | Approx.<br>Weight |
|---|----------|------------------------------------|---|---------------------------------|---|--------------------------------|-------------------|
| No. × mm <sup>2</sup>                         |          | mm                                 | mm  | mm                              | mm  | mm                             | kg/km             |
| 3x70  | 2/0      | 3.4                                | 17.8                                      | 49.8                            | 2.5   | 60.5                           | 6650              |