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Evolucable Industria de Cabos Especiais
Av. Minasa, 25 - Galpão B1 - Condomínio Industrial
Business Park -Sumaré/SP - Cep 13.180-400
Sumaré/SP (Fábrica): +55 19 3090-3350
São Paulo/SP: +55 11 3090-6855
Rio de Janeiro/RJ: +55 21 2042-0087

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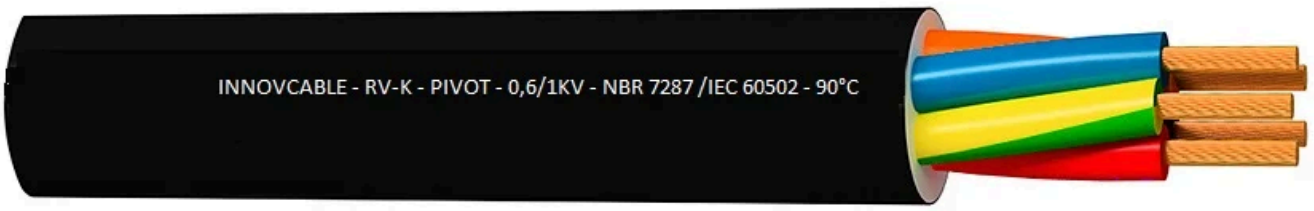
INNOVCABLE RV-K PIVOT/IRRIGATION CABLE 0,6/1kV XLPE/PVC 90°C



1. Flexible electrolytic copper conductor (Class 5) according to UNE-EN 60228, EN 60228 and IEC 60228
2. Insulation Cross-linked Polyethylene (XLPE) DIX-3 type according to UNE 21123 and HD 603S1
3. PVC External Cover DMV-18 type in accordance with UNE 21123 and HD 603S1

Rated voltage 0.6/1 kV
Test voltage 3.500 V A.C.

OTHER CHARACTERISTICS (DIFFERENTIALS):

-Does not propagate flames according to UNE-EN 60332, EN 60332 and IEC 60332.

-Reducing hydrochloric acid (HCl) emission PVC coating.

Cross-linked polyethylene (XLPE) allows a higher current density for the same cross-section than PVC insulation.

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Identification

Coloured veins numbered sequentially:

Ex 1: 4×2,5mm² (sequentially numbered red veins) + 6×1,5mm² (sequentially numbered white veins).

Ex 2: 3×2.5mm² (red veins numbered sequentially) + 1 x 2.5mm² (black vein) + 6×1.5mm² (white veins numbered sequentially).

- OTHER COLOURS ON REQUEST.

Applicable Specifications

UNE-EN 60228, EN 60228 and IEC 60228

ABNT NBR 6251

UNE-EN 60332, EN 60332 and IEC 60332

ABNT NBR NM 280

ABNT NBR 7287

UNE 21123 and HD 603S1

IEC 60502

Applications

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- These cables are suitable for the transport and distribution of electrical energy in low voltage. Recommended for industrial connections, branches, internal distribution and outdoor connections. It can be used in underground networks and fixed installations. Due to their great flexibility, they are very suitable for complex and difficult installations.
Reference standards: UNE 21123, HD 603 S1 and IEC 60502, NBR 7287.

- Suitable for the following installations:

- Irrigation Pivots
- Underground networks for low voltage distribution
- Underground supply networks for outdoor lighting installations
- Electricity distribution networks. Underground branches
- Indoor installations
- Installations in locations with special features

Maximum Conductor Temperature

The high thermal stability of thermosetting insulation (XLPE) allows use under the following conductor temperature conditions:
- Permanent regime: 90 ºC
- Overload conditions: 130 ºC
- Short-circuit rating: 250

For equal cross-sections, cross-linked polyethylene (XLPE) allows a higher current density than PVC insulation.

Notes

- The dimensions shown are nominal and therefore subject to normal manufacturing tolerances;
- It may be manufactured in another section, dimensional or material at the customer's request.
- Innovcable reserves the right to modify this catalogue without prior notice.

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Secçao (mm2)	Secçao (mm2)	Secçao (mm2)
3x2,5 + 6x1,0	4x2,5 + 6x1,0	3x4 + 1x2,5 + 6x1,0
3x2,5 + 6x1,5	4x2,5 + 6x1,5	3x4 + 1x2,5 + 6x1,5
3x2,5 + 7x1,0	4x2,5 + 7x1,0	3x4 + 1x2,5 + 7x1,0
3x2,5 + 9x1,5	4x2,5 + 9x1,5	3x4 + 1x2,5 + 7x1,5
3x4 + 6x1,0	4x4 + 6x1,0	3x6 + 4x1,5
3x4 + 6x1,5	4x4 + 6x1,5	
3x4 + 7x1,0	4x4 + 7x1,0	
3x4 + 7x1,5	4x4 + 7x1,5	
3x4 + 7x2,5	4x4 + 7x2,5	
3x4 + 8x1,5	4x4 + 8x1,5	
3x4 + 9x1,5	4x4 + 9x1,5	
3x4 + 9x1,5	4x4 + 9x1,5	
3x6 + 6x1,0	4x6 + 6x1,0	
3x6 + 6x2,5	4x6 + 6x2,5	
3x6 + 7x1,0	4x6 + 7x1,0	
3x6 + 7x1,5	4x6 + 7x1,5	
3x6 + 7x2,5	4x6 + 7x2,5	
3x6 + 8x1,5	4x6 + 8x1,5	
3x6 + 9x1,5	4x6 + 9x1,5	