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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 GM 750 V 130°C NBR 9655

CONDUCTOR: Formed by electrolytic bare copper wires or tinned, soft temper, class 5 stranding.
INSULATION: CECO™ Elastomeric Compound for temperatures up to 130ºC.
COVER: CECO™ Elastomeric Compound.
REINFORCEMENT: Braided textile yarns.
COVER: Black flame-resistant CEAC™ Elastomeric Compound. IEC 60332-1

## Identification

Manufactured in the following options:
1-) Black or white veins numbered sequentially, and can be manufactured at the customer's request with a green track (protective conductor).

2-)
1 Conductor - black;
2 Conductor - black and blue;
3 Conductor - black, white and blue;
4 Conductors - black, white, red and blue;

3-) Other colours indicated by the client.

External identification marking:
INNOVCABLE GM n (x) or (G) mm² 750V OF: XXXX/ANO NBR 9655

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## Applicable Specifications

DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

ABNT: NBR9655

RAL 9005

ABNT: NBR6251

IEC 60332-1

## Applications

To be used in mobile mining equipment such as excavators, drilling rigs, unloaders and loaders, continuous mining machines, pumps and similar, port equipment such as gantries, cranes, transtainer and other similar applications.

TECHNICAL CHARACTERISTICS:
- Optimum Flexibility;
- Good resistance to abrasion, twisting and dragging;
- Good resistance to solar Ultra Violet rays (UV), diverse climatic conditions and situations of extreme exposure to bad weather
- Good resistance to cutting and crushing;
- Good resistance to grease, oils, hydrocarbons and chemical agents.
- Good resistance to heat - possesses excellent performance in high temperature conditions.
- Good resistance to detergents, aqueous fluids, acids, bases, saline solutions.
- Flame resistant.

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## Maximum Conductor Temperature

IN CONTINUOUS REGIME: 130ºC.

## Notes

G = with 1 green conductor to earth;
x = without green conductor to earth.
- Various other cable options and configurations can be produced on request.
- Innovcable reserves the right to change this catalogue without prior notice.

### 2 CONDUTORES

| Seção Nominal (mm²) | Formação do Condutores (nº de fios) | Espessura da Isolação (mm) | Espessura da Capa Interna (mm) | Espessura da Cobertura (mm) | Diâmetro Externo Nominal (mm) | Capacidade de Corrente (A) | Peso Líquido Nominal (kg/km) | Acondicionamento (tipo) |
|---|---|---|---|---|---|---|---|---|
| 10 | 6x31/0,25 | 1,2 | 1,0 | 2,0 | 19,60 | 80 | 519 | Bobina |
| 16 | 10x31/0,25 | 1,2 | 1,1 | 2,2 | 20,70 | 106 | 714 | Bobina |
| 25 | 15x30/0,25 | 1,4 | 1,3 | 2,6 | 28,50 | 140 | 867 | Bobina |
| 35 | 14x35/0,30 | 1,4 | 1,3 | 2,6 | 33,40 | 171 | 1429 | Bobina |
| 50 | 20x35/0,30 | 1,6 | 1,5 | 3,0 | 37,00 | 209 | 1938 | Bobina |
| 70 | 27x35/0,30 | 1,6 | 1,8 | 3,6 | 42,20 | 255 | 2212 | Bobina |
| 95 | 37x35/0,30 | 1,8 | 1,8 | 3,6 | 46,40 | 305 | 2839 | Bobina |

### 3 CONDUTORES

| Seção Nominal (mm²) | Formação do Condutores (nº de fios) | Espessura da Isolação (mm) | Espessura da Capa Interna (mm) | Espessura da Cobertura (mm) | Diâmetro Externo Nominal (mm) | Capacidade de Corrente (A) | Peso Líquido Nominal (kg/km) | Acondicionamento (tipo) |
|---|---|---|---|---|---|---|---|---|
| 10 | 6x31/0,25 | 1,2 | 1,1 | 2,2 | 22,00 | 66 | 702 | Bobina |
| 16 | 10x31/0,25 | 1,2 | 1,1 | 2,2 | 24,00 | 88 | 929 | Bobina |
| 25 | 15x30/0,25 | 1,4 | 1,3 | 2,6 | 30,00 | 115 | 1349 | Bobina |
| 35 | 14x35/0,30 | 1,4 | 1,3 | 2,6 | 31,70 | 142 | 1759 | Bobina |
| 50 | 20x35/0,30 | 1,6 | 1,5 | 3,0 | 39,10 | 178 | 2225 | Bobina |
| 70 | 27x35/0,30 | 1,6 | 1,8 | 3,6 | 42,00 | 220 | 3076 | Bobina |
| 95 | 37x35/0,30 | 1,8 | 1,8 | 3,6 | 47,40 | 266 | 3892 | Bobina |