



INNOVCABLE NSGAFÖU - 1.8/3 kV



- Conductor material: bare copper or tinned (SN) wires
- Conductor class: according to DIN VDE 0295 class 5 and IEC 60228 cl. 5.
- Insulation: CECO™ Special Elastomeric Compound.
- Outer jacket: CEAC™ Special Elastomeric Compound impact, oil, UV and flame resistant, halogen free.
- Outer cover in BLACK, RAL 9005 colour.
- Rated voltage: 1.8/3 kV
- Test voltage: 6 kV
- Conductor resistance: according to VDE 0295 class 5 and IEC 60228 class 5.
- Min. bending radius: min. 5 x d;

Identification

INNOVCABLE - NSGAFÖU mm² 1,8/3 kV 125°C OF:XXXX/YEAR.

Applicable Specifications

DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5



RAL 9005

IEC 60332-1

DIN VDE 0250 part 602

Applications

Fixed installations of railway vehicles and buses, dry environments, in closed installation tubes and channels. Also used in flexible unit connections.

or fixed, that in railway vehicles and buses, as well as in dry environments, in flexible unit connections.

Cables with an operating voltage of 3 KV when applied in installations of voltages up to 1000 V are classified as short circuit and earth leakage connection, protected.

Maximum Conductor Temperature

Fixed Min/max: -40° C / +125° C

Movable Min/max: -25° C / +125° C

Constructive Data

Dimencional n x mm ²	Diamêtro mm	Peso cobre Kg/Km	Peso Kg/Km
1,5	5,5	14,4	50,0
2,5	5,9	24,0	65,0
4	6,4	38,0	85,0
6	7,0	58,0	105,0
10	8,4	96,0	160,0
16	9,2	154,0	235,0
25	11,5	240,0	360,0
35	12,8	336,0	460,0

Dimencional n x mm ²	Diamêtro mm	Peso cobre Kg/Km	Peso Kg/Km
50	14,3	480,0	620,0
70	16,0	672,0	820,0
95	18,2	912,0	1.070,0
120	19,9	1.152,0	1.320,0
150	21,8	1.440,0	1.620,0
185	23,8	1.776,0	1.950,0
240	26,7	2.304,0	2.540,0
300	38,0	2.880,0	3.178,0

Notes

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