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Evolucable Industria de Cabos Especiais
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Sumaré/SP (Fábrica): +55 19 3090-3350
São Paulo/SP: +55 11 3090-6855
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INNOVCABLE INNOVTRONIC-OZ-CY EB LIYCY-OZ

- Conductor material: bare copper wires
- Conductor class: According to DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Vein insulation: PVC esp. 105° C
- White or black veins identified by sequential numbers according to VDE 0293 without green earth (G).
- Twisted in layers.
- Shielding in tinned copper braid SN coverage of approximately 85%.
- Outer cover: special PVC resistant to oils, greases, acids.
- Outer layer in Blue, RAL 5015.
- Rated voltage: 300/500V
- Test voltage: 3000 V
- Conductor resistance: according to VDE 0295 class 5 and IEC 60228 class 5.
- Insulation resistance: Min.20 MΩX Km.
- Capacitance: cable/cable 120nF/Km; cable/shield 160 nF/Km
- Inductivity: ca. 0,65mH/Km
- Min. fixed bending radius: up to 12mm 5 x d> 12mm 7,5 x d
- Min. bending radius movable: up to 12mm 10 x d up to 20mm 15 x d; . 20mm 20 x d

Identification

INNOVCABLE - INNOVTRONIC-OZ-CY EB LIYCY-OZ n x 2 x mm² 300V OF:XXXX/YEAR.

Applicable Specifications

DIN VDE 0295 CLASS 4

IEC 60228 CLASS 4

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"i" VDE 0165

RAL 5015

IEC 60332-1

Applications

- Cable for data transmission technology, control and connection of measuring and Instrumentation controllers for lossless data and signal transmission.
- For stationary applications and small movements.
- It has UV protection (external use).
- Flame retardant in accordance with IEC 60332-1-2 and IEC 60332-3-24.
- Resistant to oils, grease and acids.
- Suitable for dry and wet environments.
- Intrinsically safe cable for electrical circuit protection class "i" VDE 0165.
- Intrinsically safe systems are circuits where no sparks and thermal effects in normal operation can ignite the surrounding areas.
- It does not meet the requirements of 2006/95/EC- CE.
- < 50 V AC e < 75 V AC

Maximum Conductor Temperature

-30° C / +105° C
- Flameproof in accordance with IEC 60332-1

Notes

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- We can produce upon request several other cable options and configurations. Innovcable reserves the right to change this catalogue without prior notice.

DADOS DIMENSIONAIS

Dimensional nx2 xmm²	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
2X0,75	6,2	43,0	56,0
3X0,75	6,5	52,0	70,0
4X0,75	7,0	61,0	95,0
5X0,75	7,7	72,0	130,0
7X0,75	8,3	89,0	168,0
12X0,75	10,9	138,0	232,0
18X0,75	12,7	211,0	315,0
25X0,75	14,8	280,0	435,0
2X1	6,5	51,0	84,0
3X1	6,8	62,0	110,0
4X1	7,3	74,0	130,0
5X1	8,1	88,0	156,0
7X1	8,8	112,0	192,0
12X1	11,5	165,0	285,0
18X1	13,9	268,0	395,0
25X1	15,9	354,0	656,0

Dimensional nx2 xmm²	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
2X1,5	7,1	65,0	97,0
3X1,5	7,5	82,0	125,0
4X1,5	8,2	100,0	165,0
5X1,5	8,9	119,0	193,0
7X1,5	9,9	154,0	245,0
12X1,5	13,0	268,0	365,0
18X1,5	15,6	373,0	553,0
25X1,5	17,9	530,0	734,0
34X1,5	20,8	683,0	944,0