



INNOVCABLE MOVFLEX CONTROL THIN NORMAL SK-C-PVC



- **Conductor material:** bare copper wire
- **Conductor class:** DIN VDE 0295 class 5 and IEC 60228 cl. 5
- **Vein insulation:** special PVC for mobile applications
- **White or black veins identified by sequential numbers in accordance with VDE 0293 with green ground (G)**
- **Armouring:** tinned copper with 85% coverage
- **Outer cover:** special PVC resistant to oils, greases, lubricants, coolants and acids
- **Grey outer cover, RAL 7001**
- **Rated voltage:** up to 0.75mm² - 300/500V; over 1.00mm² - 500/750V
- **Voltage test:** up to 0,75mm² - 2000V; over 1,00mm² - 3000V



- **Conductor resistance:** according to VDE 0295 class 6 and IEC 60228 class 5
- **Insulation resistance:** Min.20 MΩX Km at 20°C.
- **Min. fixed bending radius:** 4 x d.
- **Raio min. de curvatura móvel:** $7,5 \times d < 10m$ | $10 \times d \geq 10m$
- **Fire behaviour:** according to VDE 0482-332-2-1 and DIN EN 60332-2-1 self-extinguishing and flame retardant

Identification

INNOVCABLE - MOVFLEX CONTROL THIN NORMAL SK-PVC $n \times mm^2$ 300/500V OR 500/750V OF:XXXX/YEAR.

Applicable Specifications

DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

RAL 7001

VDE 0482-332-2-1

DIN EN 60332-2-1

Applications

Shielded cable for control and power application in normal conveyor belt requirements for handling systems and robotic applications in wet and dry environments and additionally requiring protection against electromagnetic interference with reduced diameter Special



extrusion technology allows longer life and durability in continuous motion. Flame retardant. Resistant to oils, greases, lubricants, coolants and acids. Excellent cost/benefit ratio.

Maximum Conductor Temperature

Fixed Min/max: -30° C / +80° C

Movable Min/max: -5° C / +70° C

Notes

- 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 x mm ²	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
2X0,5	5,4	25,0	68,0
3G0,5	5,7	28,0	79,0
4G0,5	6,3	34,0	93,0
5G0,5	6,7	45,0	107,0
7G0,5	7,9	56,0	132,0
12G0,5	9,4	81,0	190,0
18G0,5	11,0	120,0	245,0
25G0,5	13,4	181,0	281,0
34G0,5	15,0	235,0	449,0
42G0,5	16,8	275,0	554,0
3G0,75	6,3	36,0	96,0
4G0,75	7,1	46,0	112,0
5G0,75	7,5	54,0	126,0
7G0,75	8,5	78,0	165,0
12G0,75	10,5	114,0	231,0
18G0,75	12,2	182,0	330,0
25G0,75	15,1	250,0	459,0
34G0,75	16,8	330,0	571,0
42G0,75	18,8	332,0	706,0
2X1	6,6	38,0	88,0
3G1	7,3	45,0	109,0
4G1	8,2	63,0	126,0
5G1	8,5	71,0	147,0
7G1	9,7	102,0	196,0
12G1	11,9	147,0	292,0
18G1	14,3	235,0	418,0
25G1	16,9	325,0	575,0
34G1	19,7	455,0	716,0



Dimensional x mm ²	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
3G1,5	7,2	66,0	139,0
4G1,5	7,8	80,0	156,0
5G1,5	10,3	96,0	198,0
7G1,5	12,0	145,0	254,0
12G1,5	14,0	228,0	416,0
18G1,5	16,7	395,0	564,0
25G1,5	20,8	534,0	811,0
4G2,5	9,7	154,0	234,0
5G2,5	12,0	148,0	293,0
7G2,5	13,2	201,0	418,0
12G2,5	16,4	351,0	629,0
18G2,5	18,4	539,0	912,0
25G2,5	24,0	778,0	1.266,0
4G4	13,5	226,0	349,0
5G4	14,9	249,0	423,0
7G4	17,3	343,0	592,0
4G6	15,4	297,0	499,0
7G6	19,9	485,0	874,0
4G10	19,0	473,0	842,0
7G10	25,7	672,0	1.473,0
4G16	22,0	759,0	1.252,0
7G16	29,0	1.255,0	2.052,0
4G25	26,7	1.140,0	1.510,0