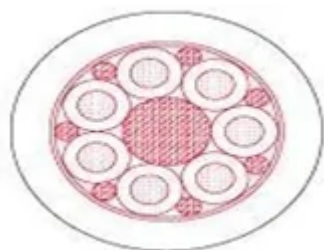




INNOVCABLE MOVFLEX CONTROL PLUS SK-PUR



- **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)**
- **Traction-proof central and additional elements**
- **Outer layer:** special PUR 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 x d < 10 m | 10 x d ≥ 10 m



Identification

**INNOVCABLE - MOVFLEX CONTROL PLUS SK-PUR $n \times mm^2$ 300/500V OR 500/750V +80° C
OF:XXXX/YEAR.**

Applicable Specifications

DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

RAL 7001

Applications

Cable for control and power application with demanding requirements of cable trays for handling systems and robotic applications in wet and dry environments. Special extrusion technology enables long life and durability in continuous motion. Resistant to oils, greases, lubricants, coolants and acids. Long life span. Features a tensile strength center member. Flexible wire braided and drawn to create durability in continuous motion Final pressure coating. High abrasion resistance projecting longer life and robustness to the cable.

Maximum Conductor Temperature

Min/max: -30°C / +80°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
3G0,5	5,6	14,4	40,0
4G0,5	6,1	19,2	49,0
5G0,5	6,6	24,0	61,0
7G0,5	8,2	33,6	83,0
12G0,5	10,0	57,6	127,0
18G0,5	11,7	86,4	181,0
25G0,5	14,3	120,0	265,0
34G0,5	16,3	163,2	360,0
42G0,5	17,6	201,6	419,0
3G0,75	6,1	21,6	51,0
4G0,75	6,7	28,8	64,0
5G0,75	7,7	36,0	85,0
7G0,75	9,0	50,4	110,0
12G0,75	11,1	86,4	171,0
18G0,75	12,9	129,6	246,0
25G0,75	15,9	180,0	357,0
34G0,75	18,3	244,8	486,0
42G0,75	19,5	315,0	576,0
3G1	6,9	28,8	63,0
4G1	7,5	38,4	80,0
5G1	8,5	48,0	108,0
7G1	10,1	67,2	135,0
12G1	12,0	115,2	221,0
18G1	14,5	172,8	336,0
25G1	17,8	240,0	484,0
34G1	19,6	326,4	632,0
42G1	21,2	403,2	737,0
3G1,5	7,6	43,2	85,0
4G1,5	8,6	57,6	114,0
5G1,5	9,5	72,0	142,0
7G1,5	11,5	100,8	194,0
12G1,5	13,5	172,8	289,0
18G1,5	16,3	259,2	441,0
25G1,5	20,0	360,0	634,0
34G1,5	22,2	489,6	753,0



Dimensional in x mm ²	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
4G2,5	10,5	96,0	174,0
5G2,5	11,7	120,0	217,0
7G2,5	13,7	168,0	291,0
12G2,5	16,7	288,0	480,0
18G2,5	20,6	432,0	710,0
25G2,5	24,5	600,0	1.005,0
4G4	12,3	153,6	251,0
5G4	13,7	192,0	313,0
7G4	16,8	268,8	448,0
4G6	14,4	230,4	324,0
7G6	20,0	403,2	608,0
4G10	18,3	384,0	552,0
7G10	24,5	672,0	967,0
4G16	21,0	614,4	802,0
7G16	28,0	1.075,2	1.412,0
4G25	26,5	960,0	1.214,0