



INNOVCABLE MOVFLEX CONTROL PLUS SK-C-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**
- **Intermediate cover:** special PVC for mobile applications, resistant to oils, greases, lubricants, coolants and acids, RAL grey 7001
- **Shielding:** Tinned copper mesh with 85% coverage
- **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-C-PUR n x mm² 300/500V OR 500/750V +80 °C OF:XXXX/YEAR.

Applicable Specifications

DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

RAL 7001

Applications

Shielded cable for control and power applications with demanding requirements for cable trays for handling systems and robotic applications in wet and dry environments with protection against electromagnetic interference. 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	7,3	39,0	110,0
4G0,5	7,9	49,0	124,0
5G0,5	8,4	58,0	157,0
7G0,5	9,8	73,0	167,0
12G0,5	11,3	108,0	224,0
18G0,5	13,4	148,0	323,0
25G0,5	17,2	196,0	455,0
34G0,5	19,3	251,0	542,0
42G0,5	20,4	299,0	607,0
3G0,75	7,8	47,0	124,0
4G0,75	8,4	61,0	162,0
5G0,75	9,0	70,0	182,0
7G0,75	10,7	93,0	196,0
12G0,75	12,4	140,0	277,0
18G0,75	14,9	198,0	403,0
25G0,75	18,0	263,0	556,0
34G0,75	21,5	343,0	707,0
42G0,75	22,7	407,0	819,0
3G1	8,2	63,0	159,0
4G1	8,9	76,0	189,0
5G1	9,8	88,0	219,0
7G1	11,4	111,0	234,0
12G1	13,4	174,0	376,0
18G1	16,1	248,0	531,0
25G1	19,5	334,0	707,0
34G1	24,5	437,0	906,0
42G1	26,0	536,6	1.031,0



Dimensional x mm ²	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
3G1,5	9,0	79,0	199,0
4G1,5	9,9	96,0	229,0
5G1,5	10,9	114,0	236,0
7G1,5	12,7	153,0	300,0
12G1,5	15,1	245,0	473,0
18G1,5	17,8	349,0	644,0
25G1,5	21,9	468,0	905,0
4G2,5	11,8	143,0	319,0
5G2,5	13,2	172,0	375,0
7G2,5	15,8	227,0	418,0
12G2,5	18,2	366,0	664,0
18G2,5	24,4	536,0	963,0
25G2,5	28,6	742,0	1.392,0
4G4	13,7	212,0	462,0
5G4	15,3	259,0	543,0
7G4	20,2	331,0	647,0
4G6	16,1	305,0	618,0
7G6	23,2	502,0	837,0
4G10	20,2	479,0	904,0
7G10	28,2	790,0	1.266,0
4G16	23,2	725,0	1.257,0
7G16	32,3	1.236,0	1.816,0
4G25	30,8	1.078,0	1.727,0