



INNOVCABLE MOVFLEX ELECTRONIC THIN HIGH SK-C-PUR-AC



Conductor material: bare copper wires

- Conductor class: According to DIN VDE 0295 class 6 and IEC 60228 cl. 6
- Vein insulation: Innovlon - special compound for mobile applications.
- Vein colours: according to DIN 47100
- Shielding: Tinned copper mesh, approx. 85% coverage
- Outer layer: special PUR-AC, resistant to oils, greases, lubricants and coolants
- Grey outer layer, RAL 7001
- Rated voltage: 250V
- Test voltage: 1500V
- Conductor resistance: according to VDE 0295 class 6 and IEC 60228 class 6.
- Insulation resistance: Min. 20 MΩ x Km at 20°C.
- Min. fixed bending radius: 10 x d
- Min. bending radius mobile: 7,5 x d



- Fire behaviour: according to VDE 0482-332-2-1 and DIN EN 60332-2-1 flame retardant, halogen free product, does not emit toxic gases.

Identification

INNOVCABLE - MOVFLEX ELECTRONIC THIN HIGH SK-C-PUR-AC n x mm² 250V +90°C
OF:XXXX/YEAR

Applicable Specifications

DIN VDE 0295 CLASS 6

IEC 60228 CLASS 6

RAL 7001

VDE 0482-332-2-1

DIN EN 60332-2-1

DIN 47100

Applications

Cable for data and signal transmission in heavy duty requirements for cable trays or handling systems and hand-held power tools requiring protection against electromagnetic interference. Special extrusion technology enables long life and durability in continuous motion. Flame retardant and halogen free. Resistant to oils, greases, lubricants and coolants. Excellent life time coupled with reduced space and dimensional requirements.

Maximum Conductor Temperature



Min/max: -50° C / +90° 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
2X0,14	3,7	12,0	20,9
3X0,14	3,8	13,0	23,3
4X0,14	4,1	14,0	25,8
5X0,14	4,4	16,0	30,2
7X0,14	5,0	21,0	38,2
10X0,14	6,2	28,0	56,1
14X0,14	6,3	34,0	61,4
18X0,14	6,8	41,0	76,0
25X0,14	8,0	63,0	105,5
2X0,25	4,2	13,0	24,0
3X0,25	4,4	16,0	29,5
4X0,25	4,7	20,0	34,7
5X0,25	5,0	23,0	40,5
7X0,25	5,7	30,0	51,9
10X0,25	7,3	41,0	78,6
14X0,25	7,4	51,0	90,3
18X0,25	8,2	71,0	118,2
25X0,25	9,8	95,0	159,9

Dimensional x mm ²	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
2X0,34	4,4	16,0	28,1
3X0,34	4,6	19,0	33,8
4X0,34	4,9	24,0	40,0
5X0,34	5,3	28,0	48,4
7X0,34	6,3	37,0	57,7
10X0,34	7,9	59,0	100,5
14X0,34	8,0	73,0	115,0
18X0,34	9,0	90,0	146,2
25X0,34	10,6	119,0	196,1

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