



INNOVCABLE MOVFLEX ALLROUND DRAG CHAINS SK-C-CEAC



- **Conductor material:** bare copper wire
- **Conductor class:** DIN VDE 0295 class 6 and IEC 60228 cl. 6
- **Vein insulation:** Innovlon - special compound for mobile applications, halogen-free
- **White or black veins identified by sequential numbers and 1 lane green ground (G)**
- **Traction-proof central and additional elements**
- **Conductors:** ≤ 11 , twisted in layers. ≥ 12 , bundles around the central element
- **Inner jacket:** CECO™ Special Elastomeric Compound for mobile use, halogen-free
- **Shielding:** Tinned copper wires, 85% coverage
- **Outer Cover:** CEAC™ Special Elastomeric Compound for mobile use, resistant to oils, greases, lubricants and with UV protection, halogen free
- **Outer cover in Black, RAL 9005**
- **Rated voltage:** 300/500 V



- **Voltage test: 2.000V**
- **Conductor resistance: according to VDE 0295 class 6 and IEC 60228 class 6**
- **Min radius of curvature fixed: 3 x d.**
- **Min. movable bending radius: 5 x d**
- **Flame retardant: according to IEC 60332-2-1**

Identification

**INNOVCABLE MOVFLEX ALLROUND DRAG CHAINS SK-C-CEAC $n \times \text{mm}^2$ 300/500V +90°C
OF:XXXX/YEAR.**

Applicable Specifications

DIN VDE 0295 CLASS 6

IEC 60228 CLASS 6

RAL 9005

Oil-resistant - DIN EN 60811-2-1 4 h at +100 °C

IEC 60332-2-1

Applications

Control and power shielded flexible cable, for mobile applications with robust electrical, mechanical and dynamic requirements and high usage demands. Excellent protection against electromagnetic interference, recommended for EMC compliant applications. Suitable for use in automatic industrial production plants, cable trays, lifting and conveying



systems. Resistant to oils, greases, lubricants. Flame resistant. Has UV protection. Halogen free. Has a traction-proof central element. Flexible wire braided and drawn to create durability in continuous motion. Silicone-free production. High durability and long life span, suitable for heavy duty requirements

Maximum acceleration 100 m/s²; maximum self-supporting speed 10 m/s, maximum slip up to 5 m/s, maximum self-supporting length 400 m

- *Excellent bending radius*
- *Reduced External Diameter*
- *Lower Weight*
- *Torsion and Bending Resistant*
- *High Flexibility*
- *Long life span*

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.*



Dimensional n x mm ²	Diametro final mm	Kg/Cu kg/km	Peso kg/km
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ALLROUND DRAG CHAINS SK-C-CEAC - DIM 47100

2 X 0,5	6,6	26,0	57,0
3 X 0,5	6,9	32,0	64,0
4 X 0,5	7,5	38,0	80,0
5 X 0,5	7,9	45,0	92,0
7 X 0,5	9,1	59,0	125,0
12 X 0,5	12,1	113,0	226,0
18 X 0,5	14,8	156,0	317,0
25 X 0,5	16,3	198,0	395,0
30 X 0,5	17,8	230,0	460,0
36 X 0,5	20,3	280,0	590,0

ALLROUND DRAG CHAINS SK-C-CEAC - JZ/OZ

2 X 0,75	7,0	32,0	71,0
3 G 0,75	7,3	41,0	82,0
4 G 0,75	7,9	51,0	104,0
5 G 0,75	8,5	60,0	120,0
7 G 0,75	9,7	79,0	158,0
12 G 0,75	14,2	146,0	280,0
18 G 0,75	17,6	193,0	360,0
25 G 0,75	19,3	295,0	495,0
36 G 0,75	23,2	385,0	720,0
42 G 0,75	24,6	441,0	782,0

2 X 1	7,6	39,0	81,0
3 G 1	7,7	51,0	94,0
4 G 1	8,4	62,0	117,0
5 G 1	9,2	77,0	137,0
7 G 1	10,6	100,0	184,0
12 G 1	15,1	187,0	355,0
18 G 1	17,9	260,0	495,0
25 G 1	19,6	364,0	601,0
36 G 1	24,0	428,0	801,0
42 G 1	25,3	563,0	916,0



Dimensional n x mm ²	Diametro final mm	Kg/Cu kg/km	Peso kg/km
3 G 1,5	8,4	68,0	117,0
4 G 1,5	9,3	86,0	147,0
5 G 1,5	10,0	103,0	177,0
7 G 1,5	12,0	139,0	254,0
12 G 1,5	18,1	256,0	492,0
18 G 1,5	22,2	360,0	650,0
25 G 1,5	24,3	510,0	824,0
36 G 1,5	30,8	710,0	1.279,0
42 G 1,5	32,6	840,0	1.449,0
3 G 2,5	9,7	103,0	168,0
4 G 2,5	11,0	132,0	219,0
5 G 2,5	12,2	162,0	276,0
7 G 2,5	14,4	230,0	385,0
12 G 2,5	23,1	413,0	705,0
18 G 2,5	27,9	591,0	978,0