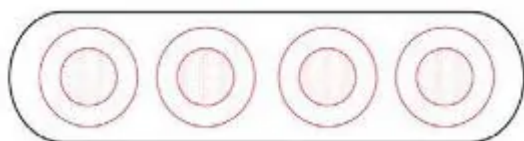
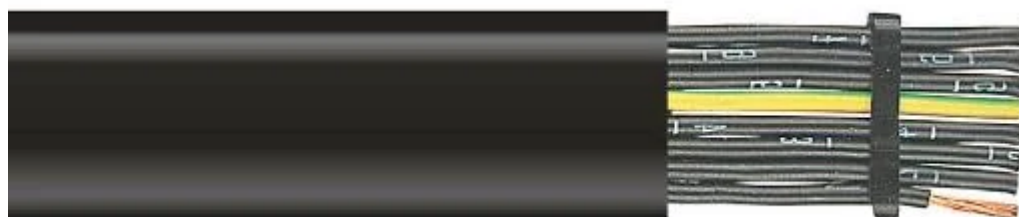




INNOVCABLE CE FLAT NGFLGÖU



- Conductor material: bare copper wires
- Conductor class: according to DIN VDE 0295 class 5/6 and IEC 60228 cl. 5/6
- Vein insulation: CECO™ Elastomeric Compound Special for mobile use. (LSZH)
- Vein colours: black or white sequentially numbered veins with or without green earth (G) according to VDE 0293.
- Conductors in parallel side by side.
- Outer jacket: CEAC™ Special Elastomeric Compound for mobile applications resistant to hydrolysis, oxidation, heat, flexible at low temperature, abrasion, splashes of oils, greases and lubricants, UV, ozone and weather resistance. (LSZH), flame retardant.
- Black outer cover.
- Rated voltage: 600V.
- Test voltage: 2000V
- Bending radius: according to VDE 0298 part 3.
- Conductor resistance: according to VDE 0295 and IEC 60228.
- Insulation resistance: Min.20 MΩX Km at 20°C.



- Flameproof according to IEC 60332-1
- DIN VDE 0250 part 809

Identification

INNOVCABLE CE FLAT NGFLGÖÜ n (G) X mm² 600V OF:XXXX/YEAR.

Applicable Specifications

DIN VDE 0295 class 5/6

IEC 60228 cl. 5/6

VDE 0298 part 3

DIN VDE 0250 part 809

IEC 60332-1

Applications

Power and control cable for use on transfer lines, trolley systems, machinery and tools requiring conductor movement, lifts, cranes, overhead cranes and other mobile applications. Can be used where severe cable kinking occurs in permanent motion. Suitable for dry, wet environments. Can be applied outdoors. Resistant to hydrolysis, oxidation, heat, splashes of oils, grease and lubricants, UV resistance, ozone, weathering, flexible at low temperature.

Used for speeds up to 180 m/min. Textile fabric between inner and outer layer. Maximum tensile strength 15 N/mm². Halogen-free cable (LSZH). Manufactured silicone-free.

Maximum Conductor Temperature

-40°C / +130°C



Notes

- We can produce upon request several other cable options and configurations.
- Innovcable reserves the right to change this catalogue without prior notice.

Dimensão n x mm ²	Diametro mm (H x B)	Peso Cu Kg/Km	Peso Total Kg/Km
4 X 1,5 (AWG16)	5,4 X 15,6 - 6,4 X 17,3	58,0	175,0
5 X 1,5 (AWG16)	5,4 X 20,3 - 6,4 X 22,0	72,0	225,0
7 X 1,5 (AWG16)	5,4 X 26,1 - 6,4 X 29,1	101,0	300,0
8 X 1,5 (AWG16)	5,4 X 29,3 - 6,4 X 32,0	115,0	340,0
10 X 1,5 (AWG16)	6,0 X 37,7 - 7,2 X 40,7	144,0	455,0
12 X 1,5 (AWG16)	6,0 X 43,5 - 7,2 X 47,5	173,0	542,0
4 X 2,5 (AWG14)	6,6 X 18,7 - 7,8 X 20,7	96,0	260,0
5 X 2,5 (AWG14)	6,6 X 24,0 - 7,8 X 26,0	120,0	330,0
7 X 2,5 (AWG14)	6,6 X 31,0 - 7,8 X 33,9	168,0	450,0
8 X 2,5 (AWG14)	6,6 X 35,0 - 7,8 X 38,0	192,0	500,0
10 X 2,5 (AWG14)	7,2 X 45,0 - 8,2 X 48,0	240,0	680,0
12 X 2,5 (AWG14)	7,2 X 50,8 - 8,2 X 54,8	288,0	800,0
4 X 4 (AWG12)	8,0 X 23,0 - 9,4 X 25,3	154,0	400,0
5 X 4 (AWG12)	8,0 X 29,0 - 9,4 X 32,2	192,0	510,0
7 X 4 (AWG12)	8,0 X 38,5 - 9,4 X 41,5	269,0	690,0
4 X 6 (AWG10)	8,7 X 25,4 - 10,3 X 28,0	230,0	500,0
5 X 6 (AWG10)	8,7 X 31,7 - 10,3 X 35,0	288,0	640,0
7 X 6 (AWG10)	8,7 X 42,0 - 10,3 X 45,8	403,0	860,0
4 X 10 (AWG8)	9,9 X 30,3 - 11,0 X 33,1	384,0	730,0
5 X 10 (AWG8)	9,9 X 38,0 - 11,0 X 41,5	480,0	980,0
7 X 10 (AWG8)	9,9 X 51,4 - 11,0 X 55,1	672,0	1.260,0
4 X 16 (AWG6)	11,5 X 35,0 - 12,8 X 38,3	614,0	1.020,0
7 X 16 (AWG6)	12,1 X 59,2 - 13,4 X 63,8	1.075,0	1.880,0
4 X 25 (AWG4)	13,1 X 41,5 - 14,4 X 44,8	960,0	1.450,0
5 X 25 (AWG4)	13,7 X 52,0 - 14,4 X 56,6	1.200,0	1.840,0
7 X 25 (AWG4)	14,3 X 71,2 - 16,1 X 75,8	1.680,0	2.720,0
4 X 35 (AWG2)	15,1 X 47,0 - 16,4 X 50,0	1.344,0	1.990,0
7 X 35 (AWG2)	15,4 X 80,2 - 17,0 X 84,8	2.352,0	3.570,0
4 X 50 (AWG1)	17,3 X 55,0 - 18,9 X 59,0	1.920,0	2.700,0
4 X 70 (AWG00)	20,1 X 63,6 - 21,7 X 68,2	2.688,0	3.720,0
4 X 95 (AWG000)	22,7 X 72,5 - 24,3 X 77,1	3.648,0	4.830,0
4 X 120 (AWG0000)	25,0 X 80,3 - 26,6 X 84,9	4.608,0	6.050,0
6 X 4 X 1,5 (AWG16)	11,5 X 51,0 - 13,2 X 56,0	351,0	1.110,0
6 X 4 X 2,5 (AWG14)	15,3 X 66,0 - 17,5 X 71,5	585,0	1.850,0