



## CONTACT

Market information  
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### CABLOPOWER C - 0,5mm<sup>2</sup> to 16mm<sup>2</sup> / PVC-jacket / shielded

Control cables for dynamic application up to 1000V, PVC jacket, unshielded, oil resistant, flame retardant, UL and CSA approved

## STANDARDS

**Product** UL and CSA approval

Cables designed for continuous moving application, high flexible, oil resistance.

### Applications:

- Tracksystems for tool machines
- Wood machines
- Automatic lines for assembly
- Handling
- Packaging
- Other applications with moderate stresses

## CHARACTERISTICS

### Construction characteristics

Conductor material	Bare copper
Insulation	Polyolefin
Insulation colour	Black w. number + yellow/green
Taping	Non woven tape
Outer sheath	PVC
Sheath colour	Grey RAL 7001

### Electrical characteristics

Test voltage	4000 V
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### Mechanical characteristics

Bending cycles	5 Mio.
Speed	300 m/min
Maximum acceleration	20 m/s <sup>2</sup>

### Usage characteristics

Field of application	Dynamic
Operating temperature, range	-5 ... 80 °C
Storage temperature, range	-40 ... 80 °C



Operating temp.  
-5 ... 80 °C



Storage temperature, range  
-40 ... 80 °C



Flame retardant  
IEC/EN 60332-1-2; FT1; UL 1581 FT1



Oil resistance  
EN 50363-4-1

### Usage characteristics

Minimum dynamic operating bending radius	6.5 (xD)
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1
Oil resistance	EN 50363-4-1

Reference	Name	Cross section [mm <sup>2</sup> ]	Nb. of cores	Construction type	Outer Diameter [mm]	Approx. weight [kg/km]
10554014	CABLOPOWER 2 x 0,5 mm <sup>2</sup>	0.5	2	2x0,50	5	32
10554022	CABLOPOWER 3 G 0,5 mm <sup>2</sup>	0.5	3	3G0,50	5.3	34
10553968	CABLOPOWER 4 G 0,5 mm <sup>2</sup>	0.5	4	4G0,50	5.7	41
10553977	CABLOPOWER 5 G 0,5 mm <sup>2</sup>	0.5	5	5G0,50	6.1	49
10553985	CABLOPOWER 7 G 0,5 mm <sup>2</sup>	0.5	7	7G0,50	7.2	69
10555309	LC CABLOFLEX 12 x 0,5 mm <sup>2</sup>	0.5	12	12G0,50	8.9	104
10555316	LC CABLOFLEX 18 x 0,5 mm <sup>2</sup>	0.5	18	18G0,50	10.2	148
10555321	CABLOPOWER 25 G 0,5 mm <sup>2</sup>	0.5	25	25G0,50	12.5	213
10555334	CABLOPOWER 2 x 0,75 mm <sup>2</sup>	0.75	2	2x0,75	5.4	40
	CABLOPOWER 3G0,75 mm <sup>2</sup>	0.75	3	3G0,75	5.7	43
10555282	LC CABLOFLEX 3 x 0,75 mm <sup>2</sup>	0.75	3	3G0,75	5.7	43
10555291	CABLOPOWER 5 G 0,75 mm <sup>2</sup>	0.75	5	5G0,75	6.7	63
10555297	CABLOPOWER 7 G 0,75 mm <sup>2</sup>	0.75	7	7G0,75	7.9	93
10555300	CABLOPOWER 9 G 0,75 mm <sup>2</sup>	0.75	8	8G0,75	8.4	112
10555370	CABLOPOWER 12 x 0,75 mm <sup>2</sup>	0.75	12	12G0,75	9.7	137
10555373	CABLOPOWER 16 x 0,75 mm <sup>2</sup>	0.75	16	16G0,75	10.9	179
10561912	CABLOPOWER 18 x 0,75 mm <sup>2</sup>	0.75	18	18G0,75	11.3	202



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10561901	CABLOPOWER 25 x 0,75 mm <sup>2</sup>	0.75	25	25G0,75	13.9	289
10555386	CABLOPOWER 26 x 0,75 mm <sup>2</sup>	0.75	26	26G0,75	13.9	286
10555338	CABLOPOWER 2 x 1,0 mm <sup>2</sup>	1	2	2x1	5.8	48
10555346	CABLOPOWER 3 G 1,0 mm <sup>2</sup>	1	3	3G1	6.1	52
10555355	CABLOPOWER 4 xG1,0 mm <sup>2</sup>	1	4	4G1	6.6	65
10555364	CABLOPOWER 5 G 1,0 mm <sup>2</sup>	1	5	5G1	7.2	78
10555184	CABLOPOWER 7 G 1,0 mm <sup>2</sup>	1	7	7G1	8.5	115
10555187	CABLOPOWER 8 G 1,0 mm <sup>2</sup>	1	8	8G1	9.2	139
10555196	CABLOPOWER 12 G 1,0 mm <sup>2</sup>	1	12	12G1	10.5	175
10555200	CABLOPOWER 16 G 1,0 mm <sup>2</sup>	1	16	16G1	11.8	224
10555208	CABLOPOWER 18 G 1,0 mm <sup>2</sup>	1	18	18G1	12.4	253
10555150	CABLOPOWER 25 G 1,0 mm <sup>2</sup>	1	25	25G1	15.1	369
10555164	CABLOPOWER 2 x 1,5 mm <sup>2</sup>	1.5	2	2x1,5	6.4	63
10555177	CABLOPOWER 3 G 1,5 mm <sup>2</sup>	1.5	3	3G1,5	6.8	69
10555259	CABLOPOWER 4 G 1,5 mm <sup>2</sup>	1.5	4	4G1,5	7.4	87
10555213	CABLOPOWER 5 G 1,5 mm <sup>2</sup>	1.5	5	5G1,5	8.2	109
10555218	CABLOPOWER 6 G 1,5 mm <sup>2</sup>	1.5	6	6G1,5	8.9	127
10555228	CABLOPOWER 7 G 1,5 mm <sup>2</sup>	1.5	7	7G1,5	9.5	155
10555239	CABLOPOWER 12 G 1,5 mm <sup>2</sup>	1.5	12	12G1,5	12	239
10555564	CABLOPOWER 18 G 1,5 mm <sup>2</sup>	1.5	18	-	14.6	392



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10555529	CABLOPOWER 3 G 2,5 mm <sup>2</sup>	2.5	3	3G2,5	8	103
10555545	CABLOPOWER 4 G 2,5 mm <sup>2</sup>	2.5	4	4G2,5	8.7	130
10555552	CABLOPOWER 5 G 2,5 mm <sup>2</sup>	2.5	5	5G2,5	9.6	158
10555623	CABLOPOWER 7 G 2,5 mm <sup>2</sup>	2.5	7	7G2,5	11.6	233
10555630	CABLOPOWER 12 G 2,5 mm <sup>2</sup>	2.5	12	12G2,5	14.2	360



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