



CONTACT

Market information
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CABLOPOWER C - 0,5mm² to 16mm² / 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 ²

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



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



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



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