CABLOPOWER C - 0,5mm² to 16mm² / PVC-jacket / shielded

CONTACT

Market information
industryprojects.business@lynxeogroup.com

CABLOPOWER C - 0,5mm² to 16mm² / PVC-jacket / shielded

PVC-jacketed control cables with low capacity insulation for high dynamic applications, up to 1000V, PVC jacket, shielded, oil resistant, flame retardant, UL and CSA approved

STANDARDS

Product UL and CSA approval

Cables designed for continuous moving application like energy-chains, use for applications demanding high flexibilty, Cablopower cable are oil resistance.

Applications:

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

CHARACTERISTICS

Construction characteristics	
Conductor material	Bare copper
Insulation	Polyolefin
Insulation colour	Black w. number + yellow/green
Taping	Non woven tape
Shielding	85 ± 5% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Grey RAL 7001
Electrical characteristics	
Rated Voltage Uo/U	1000 V
Test voltage	4000 V
Mechanical characteristics	
Bending cycles	5 Mio.
Speed	300 m/min
Maximum acceleration	20 m/s²
Usage characteristics	
Field of application	Dynamic

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

CABLOPOWER C - 0,5mm² to 16mm² / PVC-jacket / shielded

Usage characteristics	
Operating temperature, range	-5 ... 80 °C
Storage temperature, range	-40 ... 80 °C
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

PRODUCTLIST

Reference	Name	Cross section [mm²]	Nb. of cores	Construction type	Outer Diameter [mm]	Approx. weight [kg/km]
10554653	CABLOPOWER C 2 x 0.50 mm²	0.5	2	(2x0,50)C	5.6	44
10554665	CABLOPOWER C 3 x 0.50 mm²	0.5	3	(3G0,50)C	5.9	46
10554669	CABLOPOWER C 4 x 0.50 mm²	0.5	4	(4G0,50)C	6.3	55
10554673	CABLOPOWER C 5 x 0.50 mm²	0.5	5	(5G0,50)C	6.7	64
10555835	CABLOPOWER C 6 x 0.50 mm²	0.5	6	(6G0,50)C	7.3	73
10554741	CABLOPOWER C 7 x 0.50 mm²	0.5	7	(7G0,50)C	7.7	86
10554742	CABLOPOWER C 8 x 0.50 mm²	0.5	8	(8G0,50)C	8.1	102
10554746	CABLOPOWER C 12 x 0.50 mm²	0.5	12	(12G0,50)C	9.6	131
10554751	CABLOPOWER C 18 x 0.50 mm²	0.5	18	(18G0,50)C	10.9	180
10554753	CABLOPOWER C 25 x 0.50 mm²	0.5	25	(25G0,50)C	13.3	257
	CABLOPOWER C 2 x 0.75 mm²	0.75	2	(2x0,75)C	6	53
10753699	CABLOPOWER C 3 x 0.75 mm²	0.75	3	(3G0,75)C	6.3	56
10554766	CABLOPOWER C 4 x 0.75 mm²	0.75	4	(4G0,75)C	6.8	68
10554710	CABLOPOWER C 5 x 0.75 mm²	0.75	5	(5G0,75)C	7.3	79
10554714	CABLOPOWER C 7 x 0.75 mm²	0.75	7	(7G0,75)C	8.6	117

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

CABLOPOWER C - 0,5mm² to 16mm² / PVC-jacket / shielded

Reference	Name	Cross section [mm²]	Nb. of cores	Construction type	Outer Diameter [mm]	Approx. weight [kg/km]
10573537	CABLOPOWER C 12 x 0.75 mm²	0.75	12	(12G0,75)C	10.4	166
	CABLOPOWER C 18 x 0.75 mm²	0.75	18	(18G0,75)C	12.1	237
	CABLOPOWER C 20 x 0.75 mm²	0.75	20	(20G0,75)C	12.9	268
	CABLOPOWER C 24 x 0.75 mm²	0.75	24	(24G0,75)C	14.2	311
	CABLOPOWER C 25 x 0.75 mm²	0.75	25	(25G0,75)C	14.7	339
10554728	CABLOPOWER C 2 x 1.00 mm²	1	2	(2x1)C	6.5	62
10554734	CABLOPOWER C 3 x 1.00 mm²	1	3	(3G1)C	6.7	67
10555054	CABLOPOWER C 4 x 1.00 mm²	1	4	(4G1)C	7.3	81
10555058	CABLOPOWER C 5 x 1.00 mm²	1	5	(5G1)C	7.9	95
10555062	CABLOPOWER C 7 x 1.00 mm²	1	7	(7G1)C	9.2	141
10555063	CABLOPOWER C 8 x 1.00 mm²	1	8	(8G1)C	9.9	167
10555067	CABLOPOWER C 12 x 1.00 mm²	1	12	(12G1)C	11.5	208
10555071	CABLOPOWER C 18 x 1.00 mm²	1	18	(18G1)C	13.2	297
10555075	CABLOPOWER C 25 x 1.00 mm²	1	25	(25G1)C	16.1	424
10580117	CABLOPOWER C 2 x 1.50 mm²	1.5	2	(2x1,5)C	7	78
10555024	CABLOPOWER C 3 x 1.50 mm²	1.5	3	(3G1,5)C	7.4	85
10555038	CABLOPOWER C 4 x 1.50 mm²	1.5	4	(4G1,5)C	8	105
10555044	CABLOPOWER C 5 x 1.50 mm²	1.5	5	(5G1,5)C	8.9	133
10555052	CABLOPOWER C 7 x 1.50 mm²	1.5	7	(7G1,5)C	10.3	184
10555121	CABLOPOWER C 12 x 1.50 mm²	1.5	12	(12G1,5)C	12.9	281

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

CABLOPOWER C - 0,5mm² to 16mm² / PVC-jacket / shielded

Reference	Name	Cross section [mm²]	Nb. of cores	Construction type	Outer Diameter [mm]	Approx. weight [kg/km]
	CABLOPOWER C 2 x 2.50 mm²	2.5	2	(2x2,5)C	8.1	111
10555139	CABLOPOWER C 3 x 2.50 mm²	2.5	3	(3G2,5)C	8.8	127
10555089	CABLOPOWER C 4 x 2.50 mm²	2.5	4	(4G2,5)C	9.5	157
10555095	CABLOPOWER C 5 x 2.50 mm²	2.5	5	(5G2,5)C	10.3	187
10580119	CABLOPOWER C 7 x 2.50 mm²	2.5	7	(7G2,5)C	12	268
	CABLOPOWER C 12 x 2.50 mm²	2.5	12	(12G2,5)C	15	411
	CABLOPOWER C 3 x 4.0 mm²	4	3	(3G4)C	10.7	195
	CABLOPOWER C 4 x 4.0 mm²	4	4	(4G4)C	11.8	249
	CABLOPOWER C 5 x 4.0 mm²	4	5	(5G4)C	13.2	312
	CABLOPOWER C 7 x 4.0 mm²	4	7	(7G4)C	15	455
	CABLOPOWER C 3 x 6.0 mm²	6	3	(3G6)C	12.4	270
	CABLOPOWER C 4 x 6.0 mm²	6	4	(4G6)C	14	352
	CABLOPOWER C 5 x 6.0 mm²	6	5	(5G6)C	15.3	432
	CABLOPOWER C 7 x 6.0 mm²	6	7	(7G6)C	18.1	639
	CABLOPOWER C 3 x 10.0 mm²	10	3	(3G10)C	15.7	445
	CABLOPOWER C 4 x 10.0 mm²	10	4	(4G10)C	17.5	570
	CABLOPOWER C 5 x 10.0 mm²	10	5	(5G10)C	19.1	709
	CABLOPOWER C 7 x 10.0 mm²	10	7	(7G10)C	22.8	1041
	CABLOPOWER C 4 x 16.0 mm²	16	4	(4G16)C	20.3	828

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