ÖLFLEX® CLASSIC 110 CY

Screened PVC control cable with transparent outer sheath

ÖLFLEX® CLASSIC 110 CY - PVC control cable, VDE registered, screened, flexible and numbered for various applications, U_0/U: 300/500V

Info
CPR: Article number choice under www.lappkabel.com/cpr
VDE reg. no. 7030
EMC-compliant



Good chemical resistance

Interference signals

Benefits
Space-saving installation due to small cable diameters
High electrical performance due to 4 kV test voltage

Application range
Plant engineering
Industrial machinery
Heating and air-conditioning systems
Conveyor and transport systems
In EMC-sensitive environments
(electromagnetic compatibility)

Product features
Flame-retardant according IEC 60332-1-2
Good chemical resistance, see catalogue appendix T1
High degree of screening

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low transfer impedance
(max. 250 Ω/km at 30 MHz)

Norm references / Approvals
VDE reg. no. 7030

Product Make-up
Fine-wire strand made of bare copper wires
PVC insulation LAPP P8/1
Cores twisted in layers
PVC inner sheath, grey
Tinned-copper braiding
PVC outer sheath, transparent

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control cable
Core identification code:	Black with white numbers acc. to VDE 0293-334
Conductor stranding:	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Minimum bending radius:	Occasional flexing: 20 x outer diameter Fixed installation: 6 x outer diameter
Nominal voltage:	U0/U: 300/500 V
Test voltage:	4000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C

Note
Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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PRODUCT INFORMATION

Article number	Number of cores and mm² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
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1135752	2 X 0.5	7	41	75
1135003	3 G 0.5	7.3	45.5	83
1135753	3 X 0.5	7.3	45.5	83
1135004	4 G 0.5	7.9	55	99
1135754	4 X 0.5	7.9	55	99
1135005	5 G 0.5	8.4	66	112
1135755	5 X 0.5	8.4	66	112
1135007	7 G 0.5	8.9	80.5	132
1135757	7 X 0.5	8.9	80.5	132
1135012	12 G 0.5	11.3	138.5	202
1135762	12 X 0.5	11.3	138.5	202
1135018	18 G 0.5	13.3	156.4	289
1135025	25 G 0.5	15.2	250	378
1135030	30 G 0.5	16.1	297	429
1135040	40 G 0.5	18.2	343	542
1135802	2 X 0.75	7.4	46	86
1135103	3 G 0.75	7.9	57.9	100
1135803	3 X 0.75	7.9	57.9	100
1135104	4 G 0.75	8.4	64	115
1135804	4 X 0.75	8.4	64	115
1135105	5 G 0.75	8.9	77.4	130
1135805	5 X 0.75	8.9	77.4	130
1135107	7 G 0.75	9.7	102	161
1135807	7 X 0.75	9.7	102	161
1135112	12 G 0.75	12.3	177	247
1135812	12 X 0.75	12.3	177	247
1135118	18 G 0.75	14.5	243	356
1135818	18 X 0.75	14.5	243	356
1135125	25 G 0.75	16.6	307.3	465
1135134	34 G 0.75	18.9	323.2	601
1135840	40 X 0.75	20.5	369.4	734
1135141	41 G 0.75	20.6	488	728
1135852	2 X 1.0	7.9	56	98

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1135203	3 G 1.0	8.2	65.3	111
1135853	3 X 1.0	8.2	65.3	111
1135204	4 G 1.0	8.7	78.1	130
1135854	4 X 1.0	8.7	78.1	130
1135205	5 G 1.0	9.5	89.4	153
1135207	7 G 1.0	10.2	113.3	185
1135212	12 G 1.0	13.3	188.1	307
1135216	16 G 1.0	14.6	216	390
1135218	18 G 1.0	15.5	286	418
1135225	25 G 1.0	17.5	388.5	544
1135234	34 G 1.0	20.3	505	738
1135241	41 G 1.0	22	578	864
1135250	50 G 1.0	23.8	688	1011
1135902	2 X 1.5	8.5	65	117
1135303	3 G 1.5	8.9	83	136
1135903	3 X 1.5	8.9	83	136
1135304	4 G 1.5	9.6	100	163
1135904	4 X 1.5	9.6	100	163
1135305	5 G 1.5	10.3	125	188
1135905	5 X 1.5	10.3	125	188
1135307	7 G 1.5	11.3	149	237
1135907	7 X 1.5	11.3	149	237
1135312	12 G 1.5	14.8	280	393
1135318	18 G 1.5	17.2	389	538
1135325	25 G 1.5	20.1	535	745
1135334	34 G 1.5	22.8	702	964
1135341	41 G 1.5	24.7	844.6	1123
1135350	50 G 1.5	27.1	1006	1372
1135402	2 X 2.5	9.9	112	165
1135403	3 G 2.5	10.3	146	192
1135404	4 G 2.5	11.3	167	233
1135405	5 G 2.5	12.6	200	283
1135407	7 G 2.5	13.9	288	371
1135412	12 G 2.5	17.6	477.3	585

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Article number	Number of cores and mm² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1135502	2 X 4.0	11.4	120	247
1135504	4 G 4.0	13.4	237	347
1135505	5 G 4.0	14.7	280	413
1135602	2 X 6.0	13.6	180	353
1135604	4 G 6.0	15.8	318	485
1135605	5 G 6.0	17.3	441	702
1135607	7 G 6.0	18.8	530	950
1135702	2 X 10.0	16.4	256	492
1135615	3 G 10.0	17.4	362.4	507
1135614	4 G 10.0	19	518	735
1135616	5 G 10.0	21.3	595	847
1135617	7 G 10.0	23.2	796	1039
1135622	2 X 16.0	18.6	390	698
1135624	4 G 16.0	22.2	804	1395
1135623	5 G 16.0	24.4	935	1440
1135626	4 G 25.0	26.9	1161	1730
1135627	5 G 25.0	30	1400	2090
1135625	4 G 35.0	30.2	1543	2210
1135628	5 G 35.0	33.2	1901	2710

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