

ÖLFLEX® CLASSIC 110 CY

Shielded PVC control cable with transparent outer sheath

ÖLFLEX® CLASSIC 110 CY – PVC control cable, VDE-registered, shielded and flexible for varied applications, nominal voltage: 300/500V

Info

EMC-compliant

VDE reg. no. 7030



Interference signals



Good chemical resistance

Benefits

Space-saving due to small cable diameters

High electrical safety due to 4 kV test voltage

Application range

Plant construction

Machine building

Heating and air-conditioning systems

Conveyor and transport systems

In EMC-sensitive environments

(electromagnetic compatibility)

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Product features

Flame-retardant according IEC 60332-1-2
Good chemical resistance, see catalogue appendix T1
High level of screening
Low coupling resistance
(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 core insulation LAPP P8/1
Cores twisted in layers
PVC inner sheath, grey
Tinned-copper braiding
PVC sheath, transparent

Technical Data

Classification:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Core identification code:	Black with white numbers acc. to VDE 0293-1
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:	U ₀ /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 otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

Copper price basis: EUR 150/100 kg; see catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index"

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging: Ring ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred packaging (e.g. 1 x 500 m drum or 5 x 100 m rings)

Photographs 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.

*OD = outer diameter

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Article number	Number of cores and mm ² 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	7.9	56	98

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1135203	3 G 1	8.2	65.3	111
1135853	3 X 1	8.2	65.3	111
1135204	4 G 1	8.7	78.1	130
1135854	4 X 1	8.7	78.1	130
1135205	5 G 1	9.5	89.4	153
1135207	7 G 1	10.2	113.3	185
1135212	12 G 1	13.3	188.1	307
1135216	16 G 1	14.6	216	390
1135218	18 G 1	15.5	286	418
1135225	25 G 1	17.5	388.5	544
1135234	34 G 1	20.3	505	738
1135241	41 G 1	22	578	864
1135250	50 G 1	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 mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1135502	2 X 4	11.4	120	247
1135504	4 G 4	13.4	237	347
1135505	5 G 4	14.7	280	413
1135602	2 X 6	13.6	180	353
1135604	4 G 6	15.8	318	485
1135605	5 G 6	17.3	441	702
1135607	7 G 6	18.8	530	950
1135702	2 X 10	16.4	256	492
1135615	3 G 10	17.4	362.4	507
1135614	4 G 10	19	518	735
1135616	5 G 10	21.3	595	847
1135617	7 G 10	23.2	796	1039
1135622	2 X 16	18.6	390	698
1135624	4 G 16	22.2	804	1395
1135623	5 G 16	24.4	935	1440
1135626	4 G 25	26.9	1161	1730
1135627	5 G 25	30	1400	2090
1135625	4 G 35	30.2	1543	2210
1135628	5 G 35	33.2	1901	2710

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