ÖLFLEX® CLASSIC 110 SY

Steel wire armoured PVC control cable with transparent outer sheath

ÖLFLEX® CLASSIC 110 SY - PVC control cable, VDE-registered and with steel wire braiding. Flexible cable for various applications, nominal voltage: 300/500V

Info
Steel wire braiding for additional mechanical protection
VDE reg. no. 7030



Mechanical resistance

Good chemical resistance

Benefits
Additional mechanical protection thanks to steel wire braiding
High electrical safety due to 4 kV test voltage

Application range
Plant construction
Machine building
Heating and air-conditioning systems
Areas with increased requirements regarding mechanical stress
For fixed installation as well as occasional flexing with free, non-continuously recurring movement without tensile load

Product features
Flame-retardant according to IEC 60332-1-2
Good chemical resistance, see catalogue appendix T1

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Norm references / approvals
VDE reg. no. 7030

Design
Finely stranded bare copper wires
PVC core insulation LAPP P8/1
Cores twisted in layers
PVC inner sheath, grey
Braid of galvanized steel wires
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 design:	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 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.

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PRODUCT INFORMATION

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Article number	Number of cores and mm² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® CLASSIC 110 SY				
1125752	2 X 0.5	7.8	10	87
1125003	3 G 0.5	8.1	15	95
1125004	4 G 0.5	8.5	19.2	107
1125005	5 G 0.5	9.2	24	123
1125007	7 G 0.5	9.7	33.6	147
1125010	10 G 0.5	11.6	48	196
1125012	12 G 0.5	11.9	58	213
1125014	14 G 0.5	12.5	67	237
1125018	18 G 0.5	13.9	86.4	291
1125021	21 G 0.5	14.9	101	332
1125025	25 G 0.5	15.6	120	375
1125030	30 G 0.5	16.5	144	422
1125040	40 G 0.5	18.8	192	545
1125061	61 G 0.5	21.9	293	773
1125802	2 X 0.75	8.2	14.4	97
1125103	3 G 0.75	8.5	21.6	108
1125104	4 G 0.75	9.2	28.8	126
1125105	5 G 0.75	9.7	36	146
1125107	7 G 0.75	10.3	50	172
1125109	9 G 0.75	12.4	65	224
1125112	12 G 0.75	12.9	86	260
1125115	15 G 0.75	14.1	108	315
1125118	18 G 0.75	14.9	130	355
1125125	25 G 0.75	17	180	465
1125134	34 G 0.75	19.3	245	596
1125150	50 G 0.75	22.8	360	832
1125852	2 X 1	8.5	19.2	106
1125203	3 G 1	8.8	28.8	119
1125204	4 G 1	9.5	38.4	141
1125205	5 G 1	10.1	48	164
1125207	7 G 1	11	67	200
1125208	8 G 1	12.5	77	234
1125209	9 G 1	13.2	86	260

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Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
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Article number	Number of cores and mm² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1125212	12 G 1	13.9	115	309
1125214	14 G 1	14.4	134	345
1125218	18 G 1	15.9	173	415
1125220	20 G 1	16.8	192	455
1125225	25 G 1	18.1	240	548
1125234	34 G 1	20.5	326	714
1125241	41 G 1	22.2	394	832
1125250	50 G 1	24.2	480	987
1125902	2 X 1.5	9.3	29	128
1125303	3 G 1.5	9.7	43	151
1125304	4 G 1.5	10.2	58	173
1125305	5 G 1.5	11.1	72	202
1125307	7 G 1.5	11.9	101	248
1125308	8 G 1.5	14	115	301
1125312	12 G 1.5	15.4	173	396
1125314	14 G 1.5	15.9	202	438
1125318	18 G 1.5	17.6	259	538
1125325	25 G 1.5	20.3	360	713
1125332	32 G 1.5	22.1	461	876
1125350	50 G 1.5	27.1	720	1305
1125403	3 G 2.5	11.1	72	206
1125404	4 G 2.5	12.1	96	249
1125405	5 G 2.5	13.2	120	295
1125407	7 G 2.5	14.3	168	373
1125412	12 G 2.5	18.2	288	586
1125418	18 G 2.5	21.4	432	823
1125425	25 G 2.5	24.4	600	1093
1125503	3 G 4	12.7	115	285
1125504	4 G 4	14	154	348
1125505	5 G 4	15.1	192	410
1125507	7 G 4	16.4	269	519
1125604	4 G 6	16.2	230	482
1125605	5 G 6	17.7	288	579
1125607	7 G 6	19.2	403	740

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Article number	Number of cores and mm² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1125614	4 G 10	19.4	384	731
1125615	5 G 10	21.5	480	889
1125617	7 G 10	23.4	672	1146
1125624	4 G 16	22.4	614	1384
1125625	5 G 16	24.6	768	1740
1125626	4 G 25	26.9	960	1680
1125630	5 G 25	30	1200	2050
1125629	4 G 35	30.2	1344	2170

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