chanhvinh.com

U.I. Lapp GmbH	PRODUCT INFORMATION	LAPP GROUP
	ÖLFLEX® CLASSIC 110 SY	**29.11.2013**

Steel-wire braided PVC control cable with transparent outer sheath
Extra mechanical protection due to braided steel wire
High electrical performance due to 4 kV test voltage



Good chemical resistance

Mechanical resistance

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

Application range
Plant engineering Industrial machinery Heating and air-conditioning systems
Areas with high mechanical stress
For fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load

Design
Fine-wire strand made of bare copper wires
PVC insulation LAPP P8/1
PVC inner sheath, grey
Braid of galvanized steel wires
PVC outer sheath, transparent

Norm references / Approvals
VDE reg. no. 7030

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

Remark
Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100kg. 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 are not to scale and do not represent detailed images of the respective products.

PN 0486/01_03.10
©2012 Lapp Group - Technical changes reserved
Photographs are not to scale and do not represent detailed images of the respective products.

chanhvinh.com

Technical Data

Core identification code:	Black with white numbers acc. to VDE 0293-1
Classification:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Specific insulation resistance:	> 20 GOhm x cm
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: -15°C to +70°C Fixed installation: -40°C to +80°C

PN 0486/01_03.10
©2012 Lapp Group - Technical changes reserved
Photographs are not to scale and do not represent detailed images of the respective products.

chanhvinh.com

Part number	Number of cores and mm² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® CLASSIC 110 SY				
1125752	2 X0,5	7,8	10.0	87
1125003	3 G0,5	8,1	15.0	95
1125004	4 G0,5	8,5	19.2	107
1125005	5 G0,5	9,2	24.0	123
1125007	7 G0,5	9,7	33.6	147
1125010	10 G0,5	11,6	48.0	196
1125012	12 G0,5	11,9	58.0	213
1125014	14 G0,5	12,5	67.0	237
1125018	18 G0,5	13,9	86.4	291
1125021	21 G0,5	14,9	101.0	332
1125025	25 G0,5	15,6	120.0	375
1125030	30 G0,5	16,5	144.0	422
1125040	40 G0,5	18,8	192.0	545
1125061	61 G0,5	21,9	293.0	773
1125802	2 X0,75	8,2	14.4	97
1125103	3 G0,75	8,5	21.6	108
1125104	4 G0,75	9,2	28.8	126
1125105	5 G0,75	9,7	36.0	146
1125107	7 G0,75	10,3	50.0	172
1125109	9 G0,75	12,4	65.0	224
1125112	12 G0,75	12,9	86.0	260
1125115	15 G0,75	14,1	108.0	315
1125118	18 G0,75	14,9	130.0	355
1125125	25 G0,75	17.0	180.0	465
1125134	34 G0,75	19,3	245.0	596
1125150	50 G0,75	22,8	360.0	832
1125852	2 X1,0	8,5	19.2	106
1125203	3 G1,0	8,8	28.8	119
1125204	4 G1,0	9,5	38.4	141
1125205	5 G1,0	10,1	48.0	164
1125207	7 G1,0	11.0	67.0	200

PN 0486/01_03.10
©2012 Lapp Group - Technical changes reserved
Photographs are not to scale and do not represent detailed images of the respective products.

chanhvinh.com

Part number	Number of cores and mm² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1125208	8 G1,0	12,5	77.0	234
1125209	9 G1,0	13,2	86.0	260
1125212	12 G1,0	13,9	115.0	309
1125214	14 G1,0	14,4	134.0	345
1125218	18 G1,0	15,9	173.0	415
1125220	20 G1,0	16,8	192.0	455
1125225	25 G1,0	18,1	240.0	548
1125234	34 G1,0	20,5	326.0	714
1125241	41 G1,0	22,2	394.0	832
1125250	50 G1,0	24,2	480.0	987
1125265	65 G1,0	27,2	624.0	1250
1125902	2 X1,5	9,3	29.0	128
1125303	3 G1,5	9,7	43.0	151
1125304	4 G1,5	10,2	58.0	173
1125305	5 G1,5	11,1	72.0	202
1125307	7 G1,5	11,9	101.0	248
1125308	8 G1,5	14.0	115.0	301
1125312	12 G1,5	15,4	173.0	396
1125314	14 G1,5	15,9	202.0	438
1125318	18 G1,5	17,6	259.0	538
1125325	25 G1,5	20,3	360.0	713
1125332	32 G1,5	22,1	461.0	876
1125341	41 G1,5	24,9	591.0	1101
1125350	50 G1,5	27,1	720.0	1305
1125403	3 G2,5	11,1	72.0	206
1125404	4 G2,5	12,1	96.0	249
1125405	5 G2,5	13,2	120.0	295
1125407	7 G2,5	14,3	168.0	373
1125412	12 G2,5	18,2	288.0	586
1125418	18 G2,5	21,4	432.0	823
1125425	25 G2,5	24,4	600.0	1093

PN 0486/01_03.10
©2012 Lapp Group - Technical changes reserved
Photographs are not to scale and do not represent detailed images of the respective products.

chanhvinh.com

Part number	Number of cores and mm² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1125503	3 G4	12,7	115.0	285
1125504	4 G4	14.0	154.0	348
1125505	5 G4	15,1	192.0	410
1125507	7 G4	16,4	269.0	519
1125604	4 G6	16,2	230.0	482
1125605	5 G6	17,7	288.0	579
1125607	7 G6	19,2	403.0	740
1125614	4 G10	19,4	384.0	731
1125615	5 G10	21,5	480.0	889
1125617	7 G10	23,4	672.0	1146
1125624	4 G16	22,4	614.0	1384
1125625	5 G16	24,6	768.0	1740
1125626	4 G25	26,9	960.0	1680
1125630	5 G25	30.0	1200.0	2050
1125629	4 G35	30,2	1344.0	2170

PN 0486/01_03.10
©2012 Lapp Group - Technical changes reserved
Photographs are not to scale and do not represent detailed images of the respective products.