

OLFLEX® CLASSIC 110/ 110 CY



Flexible Control Cable
Number Coded

OLFLEX® CLASSIC 110 is a number coded, multi-conductor control and power cable for use in all electrical equipment in dry, damp or wet conditions. It is a European style cable conforming to CE and is available unshielded and shielded.

Recommended Applications:

Control systems, Assembly lines, Control panels, Data processing equipment and other European influenced machinery specifications

Application Advantage:

- Common European control cable
- Conforms to CE standards
- Available with inner jacket and tinned copper braid for EMI & RFI protection
- Pressure extruded jacket for improved flexibility

OLFLEX® CLASSIC 110 Construction:










Finely stranded bare copper conductors; PVC insulation; conductors cabled with non-wicking fillers; dry lubricant; gray PVC jacket.










OLFLEX® CLASSIC 110 CY Construction:

Finely stranded bare copper conductors; PVC insulation; conductors cabled with non-wicking fillers; dry lubricant; gray PVC inner jacket, tinned copper braid (85% coverage); transparent PVC jacket.



Cable Attributes, See Page 653  Oil Resistance: OR-01  Flame Resistance: FR-02  Motion Type: FL-01  Mechanical Properties: MP-01		Availability:  Standard put-ups are 164ft, 328ft, 1640ft, and 3280ft. Bulk reels can be cut to length.	Complete the installation with:  SKINTOP® Strain Relief: Page 486  OLFLEX® Tubing: Page 546  EPIC® Connectors: Page 251  SKINTOP® MS-SC Page 486
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Technical Data:

 Minimum Bend Radius: - for installation: 4 x cable diameter - with shield: 6 x cable diameter	 Conductor Stranding: Fine Wire per VDE 0295, Class 5, IEC 60228 Cl.5
 Temperature Range: -40°C to +80°C	 Color Code: Black with white numbers, plus green/yellow ground
 Nominal Voltage: 300/500V	 Approvals: VDE Reg. No. 7030
 Test Voltage: 4000V	

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OLFLEX® CLASSIC 110: Flexible Control Cable

Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Copper Weight lbs/ft	kg/km	Approx. Weight lbs/ft	kg/km	Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Copper Weight lbs/ft	kg/km	Approx. Weight lbs/ft	kg/km
21 AWG (16/32) 0.50 mm ²								14 AWG (50/30) 2.50 mm ²							
1119752	2	.189	4.8	7	24	35		1119325	25	.665	16.9	242	376	560	
1119003	3	.201	5.1	10	28	42		1119334	34	.764	19.4	329	501	746	
1119004	4	.224	5.7	13	36	54		1119341	41	.839	21.3	397	602	895	
1119005	5	.244	6.2	16	42	63		1119350	50	.925	23.5	484	732	1089	
1119007	7	.264	6.7	23	54	81		1119365	65	1.051	26.7	629	940	1398	
1119012	12	.350	8.9	39	88	131		1119380	80	1.134	28.8	774	1148	1708	
1119018	18	.413	10.5	58	126	188		14 AWG (50/30) 2.50 mm ²							
1119025	25	.488	12.4	81	175	261		1119952	2	.295	7.5	32	68	101	
1119035	35	.571	14.5	113	172	256		1119403	3	.319	8.1	48	89	132	
1119052	52	.681	17.3	168	347	517		1119404	4	.350	8.9	65	110	163	
1119065	65	.772	19.6	210	433	644		1119405	5	.394	10.0	81	134	200	
1119080	80	.831	21.1	258	524	780		1119407	7	.437	11.1	113	179	267	
1119100	100	.929	23.6	323	655	975		1119412	12	.583	14.8	194	299	445	
18 AWG (32/32) 1.00 mm ²								1119418	18	.701	17.8	290	436	648	
1119852	2	.224	5.7	13	36	53		1119425	25	.819	20.8	403	598	890	
1119203	3	.236	6.0	19	44	65		1119434	34	.961	24.4	548	812	1208	
1119204	4	.256	6.5	26	53	79		1119450	50	1.157	29.4	806	1179	1754	
1119205	5	.280	7.1	32	63	94		12 AWG (56/28) 4 mm ²							
1119207	7	.315	8.0	45	85	126		1119503	3	.390	9.9	77	135	201	
1119212	12	.413	10.5	77	138	205		1119504	4	.425	10.8	103	167	249	
1119218	18	.500	12.7	116	202	300		1119505	5	.476	12.1	129	205	305	
1119225	25	.579	14.7	161	274	408		1119507	7	.528	13.4	181	274	407	
1119234	34	.673	17.1	258	370	551		1119511	11	.693	17.6	284	426	634	
1119241	41	.740	18.8	265	444	661		10 AWG (84/28) 6 mm ²							
1119250	50	.811	20.6	323	536	797		1119603	3	.461	11.7	116	194	289	
1119265	65	.929	23.6	419	694	1033		1119604	4	.512	13.0	155	245	365	
1119280	80	.996	25.3	516	844	1251		1119605	5	.571	14.5	194	300	447	
1119300	100	1.114	28.3	645	1048	1560		1119607	7	.630	16.0	271	403	600	
16 AWG (30/30) 1.50 mm ²								8 AWG (80/26) 10 mm ²							
1119902	2	.248	6.3	19	46	68		1119614	4	.638	16.2	258	397	590	
1119303	3	.264	6.7	29	56	84		6 AWG (128/26) 16 mm ²							
1119304	4	.283	7.2	39	70	104		1119624	4	.740	18.8	413	731	1087	
1119305	5	.319	8.1	48	86	128		4 AWG (200/26) 25 mm ²							
1119307	7	.350	8.9	68	112	166		1119634	4	.925	23.5	645	1063	1582	
1119312	12	.472	12.0	116	188	279		2 AWG (280/26) 35 mm ²							
1119318	18	.567	14.4	174	274	407		1119644	4	1.039	26.4	903	1415	2106	
								1119645	5	1.185	30.1	1129	1771	2635	

OLFLEX® CLASSIC 110 CY: Shielded Flexible Control Cable

Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Copper Weight lbs/ft	kg/km	Approx. Weight lbs/ft	kg/km	Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Copper Weight lbs/ft	kg/km	Approx. Weight lbs/ft	kg/km
21 AWG (16/32) 0.50 mm ²								14 AWG (50/30) 2.50 mm ²							
1135752	2	.276	7.0	28	50	75		1135304	4	.378	9.6	67	110	163	
1135003	3	.287	7.3	31	56	83		1135305	5	.406	10.3	84	126	188	
1135004	4	.311	7.9	37	67	99		1135307	7	.445	11.3	132	159	237	
1135005	5	.331	8.4	44	75	112		1135312	12	.583	14.8	188	264	393	
1135007	7	.350	8.9	54	89	132		1135318	18	.677	17.2	261	362	538	
1135012	12	.445	11.3	93	136	202		1135325	25	.791	20.1	360	501	745	
1135018	18	.524	13.3	105	194	289		14 AWG (50/30) 2.50 mm ²							
1135025	25	.598	15.2	168	254	378		1135403	3	.406	10.3	98	129	192	
18 AWG (32/32) 1.00 mm ²								1135404	4	.445	11.3	112	157	233	
1135852	2	.311	7.9	38	66	98		1135405	5	.496	12.6	134	190	283	
1135203	3	.323	8.2	44	75	111		1135407	7	.547	13.9	194	249	371	
1135204	4	.343	8.7	52	87	130		12 AWG (56/28) 4 mm ²							
1135205	5	.374	9.5	60	103	153		1135504	4	.528	13.4	159	233	347	
1135207	7	.402	10.2	76	124	185		1135505	5	.579	14.7	188	278	413	
1135212	12	.524	13.3	126	206	307		10 AWG (84/28) 6 mm ²							
1135218	18	.610	15.5	192	288	418		1135604	4	.622	15.8	214	326	485	
1135225	25	.689	17.5	261	366	544		8 AWG (80/26) 10 mm ²							
16 AWG (30/30) 1.50 mm ²								1135614	4	.748	19.0	375	494	735	
1135902	2	.335	8.5	44	79	117		6 AWG (128/26) 16 mm ²							
1135303	3	.350	8.9	56	91	136		1135624	4	.874	22.2	540	934	1395	

* Additional configurations are available, please call your Lapp representative for more information.