

# 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.



<b>Cable Attributes, See Page 653</b>  Oil Resistance: OR-01  Flame Resistance: FR-02  Motion Type: FL-01  Mechanical Properties: MP-01		<b>Availability:</b>  Standard put-ups are 164ft, 328ft, 1640ft, and 3280ft. Bulk reels can be cut to length.	<b>Complete the installation with:</b>  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	Nominal Outer Diameter mm	Copper Weight lbs/ft	Approx. Weight lbs/ft	Approx. Weight kg/km	Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	Nominal Outer Diameter mm	Copper Weight lbs/ft	Approx. Weight lbs/ft	Approx. Weight kg/km
<b>21 AWG (16/32) 0.50 mm<sup>2</sup></b>							<b>14 AWG (50/30) 2.50 mm<sup>2</sup></b>						
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	<b>12 AWG (56/28) 4 mm<sup>2</sup></b>						
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
<b>18 AWG (32/32) 1.00 mm<sup>2</sup></b>							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	<b>10 AWG (84/28) 6 mm<sup>2</sup></b>						
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	<b>8 AWG (80/26) 10 mm<sup>2</sup></b>						
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
<b>16 AWG (30/30) 1.50 mm<sup>2</sup></b>							<b>6 AWG (128/26) 16 mm<sup>2</sup></b>						
1119902	2	.248	6.3	19	46	68	1119614	4	.638	16.2	258	397	590
1119303	3	.264	6.7	29	56	84	1119624	4	.740	18.8	413	731	1087
1119304	4	.283	7.2	39	70	104	<b>4 AWG (200/26) 25 mm<sup>2</sup></b>						
1119305	5	.319	8.1	48	86	128	1119634	4	.925	23.5	645	1063	1582
1119307	7	.350	8.9	68	112	166	<b>2 AWG (280/26) 35 mm<sup>2</sup></b>						
1119312	12	.472	12.0	116	188	279	1119644	4	1.039	26.4	903	1415	2106
1119318	18	.567	14.4	174	274	407	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	Nominal Outer Diameter mm	Copper Weight lbs/ft	Approx. Weight lbs/ft	Approx. Weight kg/km	Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	Nominal Outer Diameter mm	Copper Weight lbs/ft	Approx. Weight lbs/ft	Approx. Weight kg/km
<b>21 AWG (16/32) 0.50 mm<sup>2</sup></b>							<b>14 AWG (50/30) 2.50 mm<sup>2</sup></b>						
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	<b>12 AWG (56/28) 4 mm<sup>2</sup></b>						
1135025	25	.598	15.2	168	254	378	1135403	3	.406	10.3	98	129	192
<b>18 AWG (32/32) 1.00 mm<sup>2</sup></b>							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	<b>10 AWG (84/28) 6 mm<sup>2</sup></b>						
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	<b>8 AWG (80/26) 10 mm<sup>2</sup></b>						
1135218	18	.610	15.5	192	288	418	1135604	4	.622	15.8	214	326	485
1135225	25	.689	17.5	261	366	544	<b>6 AWG (128/26) 16 mm<sup>2</sup></b>						
<b>16 AWG (30/30) 1.50 mm<sup>2</sup></b>							1135614	4	.748	19.0	375	494	735
1135902	2	.335	8.5	44	79	117	1135624	4	.874	22.2	540	934	1395
1135303	3	.350	8.9	56	91	136							

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