

# OLFLEX® CLASSIC 110 SY



Steel Braided, Flexible Control Cable  
Number Coded

OLFLEX® CLASSIC 110 SY is a number coded, multi-conductor control and power cable with a steel braided shield for mechanical and low frequency protection. It is a European style cable conforming to CE, for use in all electrical equipment in dry, damp or wet conditions.

**Recommended Applications:**

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

**Application Advantage:**

- European style control & power cable
- Conforms to CE standards
- Available with inner jacket and steel braid for mechanical protection
- Steel braid provides protection from low frequency noise
- Pressure extruded jacket for improved flexibility

**OLFLEX® CLASSIC 110 SY Construction:**

Finely stranded bare copper conductors; PVC insulation; conductors cabled with non-wicking fillers; dry lubricant; gray inner PVC jacket; steel braid (75% coverage); transparent PVC jacket.



**Cable Attributes, See Page 653**

	Oil Resistance: OR-02		Flame Resistance: FR-03
	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		EPIC® Connectors: Page 251
	OLFLEX® Tubing: Page 546		SKINTOP® MS-SC Page 486

**Technical Data:**

- |   |  |
|---|--|
| Minimum Bending Radius for installation: 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   |  |

Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Copper Weight lbs/mft	Approx. Weight lbs/mft	kg/km	Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Copper Weight lbs/mft	Approx. Weight lbs/mft	kg/km
21 AWG (16/32) 0.50 mm <sup>2</sup>							14 AWG (50/30) 2.50 mm <sup>2</sup>						
1125752	2	.307	7.8	7	58	87	1125307	7	.469	11.9	68	167	248
1125003	3	.319	8.1	10	64	95	1125312	12	.606	15.4	116	266	396
1125004	4	.335	8.5	13	72	107	1125318	18	.693	17.6	174	362	538
1125005	5	.362	9.2	16	83	123	1125325	25	.799	20.3	242	479	713
1125007	7	.382	9.7	23	99	147	12 AWG (56/28) 4 mm <sup>2</sup>						
1125012	12	.469	11.9	39	143	213	1125403	3	.437	11.1	48	138	206
1125018	18	.547	13.9	58	196	291	1125404	4	.476	12.1	65	167	249
1125025	25	.614	15.6	81	252	375	1125405	5	.520	13.2	81	198	295
18 AWG (32/32) 1.00 mm <sup>2</sup>							1125407	7	.563	14.3	113	251	373
1125852	2	.335	8.5	13	71	106	1125412	12	.717	18.2	194	394	586
1125203	3	.346	8.8	19	80	119	1125418	18	.843	21.4	290	553	823
1125204	4	.374	9.5	26	95	141	1125425	25	.961	24.4	403	734	1093
1125205	5	.398	10.1	32	110	164	10 AWG (84/28) 6 mm <sup>2</sup>						
1125207	7	.433	11.0	45	134	200	1125503	3	.472	12.7	77	192	285
1125212	12	.547	13.9	77	208	309	1125504	4	.551	14.0	103	234	348
1125218	18	.626	15.9	116	279	415	1125505	5	.594	15.1	129	276	410
1125225	25	.713	18.1	161	368	548	8 AWG (80/26) 10 mm <sup>2</sup>						
16 AWG (30/30) 1.50 mm <sup>2</sup>							1125604	4	.638	16.2	155	324	482
1125902	2	.366	9.3	19	86	128	1125605	5	.697	17.7	194	389	579
1125303	3	.382	9.7	29	101	151	6 AWG (128/26) 16 mm <sup>2</sup>						
1125304	4	.402	10.2	39	116	173	1125614	4	.764	19.4	258	491	731
1125305	5	.437	11.1	48	136	202	1125624	4	.882	22.4	413	930	1384

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