

OLFLEX® 150/ 150 CY

Oil Resistant Flexible Control Cable with International Approvals

“Now with <HAR> approval for use as a Machinery Interconnection Cable”



OLFLEX® 150 is an internationally approved 600 volt multi-conductor cable. It has UL & CSA AWM approval and <HAR> approval as a interconnect cable on the machine. OLFLEX® 150 has our highest rated PVC jacket for industrial applications for oil, coolant and chemical resistance.

Recommended Applications:

Control and power, Food & beverage, Processing equipment, Pharmaceutical equipment, Machinery sold domestically and exported to Europe.

Application Advantages:

- Industrial grade PVC jacket (Oil Res I & II)
- International approvals UL/CSA/<HAR>
- Flexible cable with pressure extruded jacket for easy installation
- Number coded conductors for easy connection
- CCC approval is available upon request

OLFLEX® 150 Construction:

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



OLFLEX® 150 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); specially formulated oil resistant gray PVC jacket.



Cable Attributes, See Page 653

	Oil Resistance: OR-04		Flame Resistance: FR-02
	Motion Type: FL-01		Mechanical Properties: MP-01

Availability:

Standard put-ups are 250ft, 499ft, 1000ft and 2001ft. 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: - with shield:	4 x cable diameter 6 x cable diameter		Color Code:	Black with white numbers, plus green/yellow ground
	Temperature Range: - <HAR>: - UL/CSA:	-40°C to +70°C -40°C to +90°C		Approvals:	UL: - AWM Style 2587 & 21098 CSA: - AWM I/II A/B FT1 Additional: - <HAR> H05VV5-F - CCC- China Compulsory Certificate*
	Nominal Voltage: - <HAR>: - UL/CSA:	300/500V 600V			
	Test Voltage:	3000V			
	Conductor Stranding:	Fine wire per VDE 0295, Class 5, IEC 60228 Cl.5			

* Add C to the end of the part number for CCC approval. Minimums may apply.

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OLFLEX® 150: Flexible Control Cable with Global Approvals

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
19 AWG (24/32) 0.75 mm ²							16 AWG (30/30) 1.50 mm ²						
0015103	3	.264	6.7	15	51	76	0015303	3	.319	8.1	29	74	110
0015104	4	.283	7.2	19	56	84	0015304	4	.350	8.9	39	95	141
0015105	5	.319	8.1	24	76	113	0015305	5	.394	10.0	48	113	168
0015107	7	.390	9.9	34	97	145	0015307	7	.484	12.3	68	151	224
0015112	12	.472	12.0	58	165	245	0015312	12	.583	14.8	116	243	362
0015125	25	.689	17.5	121	313	466	0015318	18	.701	17.8	174	348	518
18 AWG (32/32) 1.00 mm ²							14 AWG (50/30) 2.50 mm ²						
0015203	3	.280	7.1	19	60	89	0015403	3	.378	9.6	48	114	170
0015204	4	.303	7.7	26	67	99	0015404	4	.421	10.7	65	141	210
0015205	5	.343	8.7	32	89	132	0015405	5	.465	11.8	81	173	257
0015207	7	.453	11.5	45	114	169	0015407	7	.571	14.5	113	229	340
0015212	12	.512	13.0	77	192	286	0015412	12	.697	17.7	194	390	580
0015218	18	.606	15.4	116	272	405	0015418	18	.843	21.4	290	571	850
0015225	25	.736	18.7	161	383	570	0015425	25	1.016	25.8	403	790	1175

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OLFLEX® 150 CY: Shielded Flexible Control Cable with Global Approvals

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
19 AWG (24/32) 0.75 mm ²							16 AWG (30/30) 1.50 mm ²						
0015603	3	.350	8.9	46	84	125	0015803	3	.406	10.3	56	107	159
0015604	4	.378	9.6	47	105	157	0015804	4	.445	11.3	63	142	211
0015605	5	.406	10.3	52	121	180	0015805	5	.496	12.6	82	162	241
0015607	7	.484	12.3	62	152	226	0015807	7	.587	14.9	96	205	306
18 AWG (32/32) 1.00 mm ²							14 AWG (50/30) 2.50 mm ²						
0015703	3	.374	9.5	51	97	145	0015903	3	.465	11.8	81	164	245
0015704	4	.398	10.1	54	121	180	0015904	4	.516	13.1	114	198	295
0015705	5	.437	11.1	64	136	203	0015905	5	.575	14.6	138	245	365
0015707	7	.516	13.1	79	183	273	0015907	7	.681	17.3	162	322	480

* Add C to the end of the part number for CCC approval. Minimums may apply.