OLFLEX® CONTROL COLD

Flexible & Cold Temperature Tray Cable with UL/CSA -40°C Flexible/ -55°C Stationary

OLFLEX® CONTROL COLD is a multi-conductor cable designed to be flexible at -40°C. The specially formulated PVC compound passes the -50° C MIL-DTL-915C motion test and -55°C UL cold impact.

Recommended Applications:
Wind energy, Forestry equipment, Oil & petrochem equipment, Cold temperature storage & packaging facilities

Application Advantages:
- Arctic grade PVC jacket (-40°C flexible)
- Passes MIL-DTL-915C figure 8 motion test at -50°C
- Comparable performance for flexibility vs. Rubber, TPE and PUR jacketed cables
- Can be used in damp, dry & wet conditions and is UV resistant

OLFLEX® CONTROL COLD Construction:

Finely stranded bare copper conductors; specially blended PVC/nylon insulation; specially formulated black PVC jacket.

Cable Attributes, See Page 653

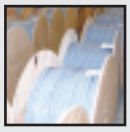

Oil Resistance: OR-01


Flame Resistance: FR-03


Motion Type: FL-01


Mechanical Properties: MP-03

Availability:


Standard put-ups are 100ft, 250ft, 500ft, and 1,000ft. 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

Additional color code for the conductors and the jacket are available upon request. Minimums may apply.

Technical Data:

Minimum Bend Radius for installation:	5 x cable diameter
Temperature Range:	-55°C to +90°C
Nominal Voltage:	600V - TC 1000V- TC Wind Turbine (WTTC)
Conductor Stranding:	Fine wire
Color Code:	Black with white numbers plus grn/yel ground
Approvals: UL:	- Type TC-ER (Exposed Run) or DP-1 - Type MTW or UL AWM, NFPA 79 2007 - Wet Rating UL 83 75°C - Class 1, Div. 2 per NEC Art. 336, 392, 501
CSA:	- c(UL) Type TC and CIC FT4 - CSA-AWM I/II A/B FT4

Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Copper Weight lbs/mft	Approx. Weight lbs/mft	kg/km
18 AWG (19/30) 1.00 mm²						
261803	3	.297	7.5	19	57	85
261804	4	.320	8.1	25	66	98
261805	5	.346	8.8	31	77	115
261807	7	.373	9.5	44	100	149
261809	9	.429	10.9	56	112	167
261812	12	.477	12.1	75	171	255
261818	18	.587	14.9	113	245	365
261825	25	.677	17.2	156	322	479
16 AWG (28/30) 1.50 mm²						
261603	3	.325	8.3	27	69	103
261604	4	.351	8.9	36	83	124
261605	5	.381	9.7	45	98	146
261607	7	.412	10.5	64	127	189
261609	9	.476	12.1	82	171	255
261612	12	.565	14.4	109	220	328
261616	16	.621	15.8	145	271	403
261618	18	.652	16.6	163	289	431
261625	25	.741	18.8	227	397	592
14 AWG (46/30) 2.50 mm²						
261403	3	.362	9.2	45	87	130
261404	4	.392	10.0	60	107	159
261405	5	.427	10.8	75	128	191
261407	7	.463	11.8	105	169	252
261409	9	.571	14.5	135	225	335
261412	12	.636	16.2	179	308	459
261418	18	.737	18.7	269	439	654
261425	25	.886	22.5	374	587	874
12 AWG (56/.0117) 4 mm²						
261204	4	.460	11.7	100	152	226
261205	5	.503	12.8	125	187	279
261207	7	.581	14.8	176	258	384
10 AWG (82/.0117) 6 mm²						
261004	4	.578	14.7	147	265	394
261005	5	.631	16.0	184	317	472
261007	7	.686	17.4	257	443	661
8 AWG (74/.0159) 10 mm²						
260804	4	.703	17.9	245	412	615
260805	5	.772	19.6	306	518	771
6 AWG (119/.0159) 16 mm²						
260604	4	.899	22.8	393	580	864
260605	5	.982	24.9	491	725	1080
4 AWG (182/.04) 25 mm²						
260404	4	1.094	27.8	541	952	1418
2 AWG (273/.04) 35 mm²						
260204	4	1.272	32.3	853	1394	2077