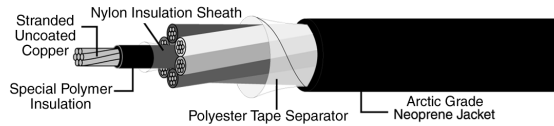


PORTABLE POWER CABLE

SDN® Control Cable - Type TC



OSHA Acceptable



FEATURES

SDN® 600V Control Cable is designed to combine the advantages of our special polymer insulation, nylon insulation sheath and arctic grade Neoprene jacket in one basic small diameter construction. This combination offers an unexcelled balance of properties for a wide variety of applications, where small diameter and flexibility are important. SDN is 25% to 40% smaller in diameter and 40% to 55% lighter in weight than SOW Control Cable.

- UL listed Type TC for 600 Volts
- Excellent thermal properties
- Rated 90°C dry and 75°C wet
- Meets UL 1277 flame test at 70,000 BTU/hr
- Abrasion resistant
- UL listed for direct burial
- Oil and chemical resistant
- Moisture and sunlight resistant
- CSA certified Type CIC TC 90°C dry, 60°C wet, -40°C, oil resistant, FT4
- Available on special order as a UL listed Marine Shipboard Control Cable
- Passes cold bend to -55°C

APPLICATIONS

- Suitable for use in tough flexing and reeling applications where mechanical ruggedness and small diameters are required.
- Ideal for indoor/outdoor applications for cranes, hoists, loaded lifts and platforms, pendant stations, etc.
- For use in open air, raceways, conduits, or for direct burial
- Acceptable for use in cable trays per Articles 318, 340, and 725 of the NEC. Acceptable for use in hazardous locations as allowed under Articles 318, 340, 501, 502, and 725
- Acceptable for use in accordance with the Canadian Electrical Code (CEC) for use in raceways, cable trays, in wet or dry locations exposed to weather or direct burial and for use in Class 1, Division 2 and Class II, Division 2 hazardous locations

CONSTRUCTION

Conductors: Stranded soft annealed uncoated copper

Insulation: Special polymer, plus a 4 mil nylon sheath

Assembly: Conductors are cabled with jute fillers where needed. A polyester tape separator is applied over the final assembly

Jacket: Heavy duty black, low temperature Neoprene jacket

Temperature Range: 90°C dry, 75°C wet

Voltage: 600 Volts for Type TC

Specifications and Standards:

UL Standard 1277 for Type TC

CSA Standards: C 22.2 No. 239 for Type CIC
C 22.2 No. 230 for Type TC

PWC CATALOG#	NO. OF CONDS.	APPROX.DIMENSIONS		SHIP WT.	PWC CATALOG#	NO. OF CONDS.	APPROX.DIMENSIONS		SHIP WT.
		JKT.	O.D.	LBS./M FT.			JKT.	O.D.	LBS./M FT.
18 AWG • 16 STRAND					16 AWG • 19 STRAND				
04-0425	3	.045	.30	60	04-0507	2	.045	.30	55
04-0427	5	.045	.34	80	04-0509	3	.045	.31	70
04-0429	6	.045	.37	90	04-0511	4	.045	.35	85
04-0431	7	.045	.37	100	04-0513	5	.045	.37	100
04-0433	8	.045	.43	115	04-0515	6	.045	.40	115
04-0435	9	.045	.46	120	04-0517	7	.045	.40	120
04-0437	10	.045	.46	130	04-0519	8	.045	.46	145
04-0439	11	.045	.47	140	04-0521	9	.045	.51	165
04-0441	12	.045	.47	145	04-0523	10	.045	.51	170
04-0443	13	.045	.49	155	04-0525	11	.045	.52	185
04-0445	14	.045	.50	165	04-0527	12	.045	.52	195
04-0447	15	.045	.52	175	04-0529	13	.060	.55	325
04-0449	16	.045	.52	185	04-0531	14	.060	.57	240
04-0451	17	.060	.58	230	04-0533	15	.060	.59	255
04-0453	18	.060	.58	230	04-0535	16	.060	.61	265
04-0455	19	.060	.58	240	04-0537	17	.060	.61	390
04-0457	21	.060	.61	270	04-0539	18	.060	.62	300
04-0459	24	.060	.68	280	04-0541	19	.060	.63	310
04-0461	30	.060	.71	330	04-0543	21	.060	.66	340
04-0463	37	.060	.77	400	04-0545	24	.060	.73	375
14 AWG • 19 STRAND					12 AWG • 19 STRAND				
04-0465	3	.045	.32	90	04-0553	3	.045	.39	120
04-0467	4	.045	.38	110	04-0555	4	.045	.42	155
04-0469	5	.045	.42	150	04-0557	5	.045	.46	185
04-0471	6	.045	.45	150	04-0559	6	.045	.50	210
04-0473	7	.045	.45	165	04-0561	7	.045	.50	230
04-0475	8	.045	.52	200	04-0563	8	.045	.61	300
04-0477	9	.060	.57	235	04-0565	9	.060	.65	325
04-0479	10	.060	.60	255	04-0567	10	.060	.67	350
04-0481	11	.060	.61	270	04-0569	11	.060	.68	375
04-0483	12	.060	.61	290	04-0571	12	.060	.68	395
04-0485	13	.060	.63	305	04-0573	13	.060	.70	430
04-0487	14	.060	.64	325	04-0575	14	.060	.72	455
04-0489	15	.060	.66	340	04-0577	15	.060	.74	480
04-0491	16	.060	.68	360	04-0579	16	.060	.75	505
04-0493	17	.060	.69	400	04-0581	17	.060	.79	530
04-0495	18	.060	.70	410	04-0583	18	.060	.80	555
04-0497	19	.060	.71	430	04-0585	19	.060	.80	605
04-0499	21	.060	.79	470	04-0587	21	.080	.89	680
04-0501	24	.060	.83	515	04-0589	24	.080	.98	775
04-0503	30	.080	.91	660	04-0591	30	.080	1.04	930
04-0505	37	.080	.99	785	04-0593	37	.080	1.10	1020

Shielded SDN® cable is available on special order with braided copper shield beneath the neoprene jacket. This provides protection against electrical and RF interference and lightning surge loads when properly installed.

COND. NO.	BASE COLOR	SPIRAL STRIPE	COND. NO.	BASE COLOR	SPIRAL STRIPE	COND. NO.	BASE COLOR	SPIRAL STRIPE
1	Black	-	13	Blue	Red	25	Orange	Orange
2	Red	-	14	Orange	Red	26	Brown	Orange
3	Blue	-	15	Yellow	Red	27	Black	Yellow
4	Orange	-	16	Brown	Red	28	Red	Yellow
5	Yellow	-	17	Black	Blue	29	Blue	Yellow
6	Brown	-	18	Red	Blue	30	Orange	Yellow
7	Red	Black	19	Orange	Blue	31	Brown	Yellow
8	Blue	Black	20	Yellow	Blue	32	Black	Brown
9	Orange	Black	21	Brown	Blue	33	Red	Brown
10	Yellow	Black	22	Black	Orange	34	Blue	Brown
11	Brown	Black	23	Red	Orange	35	Orange	Brown
12	Black	Red	24	Blue	Orange	36	Yellow	Brown

Information on this sheet is subject to change without notice. All diameters are nominal values. All diameters and weights are subject to normal manufacturing tolerances.



PITTSBURGH WIRE & CABLE INC.

www.pittsburghwire.com