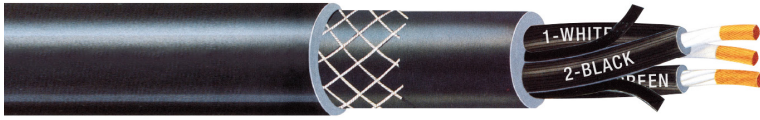


All-Temp (K) Industrite® Power Cable

Festoon and Reeling Power Cable

-40° C to 90° C / 8 AWG - 1000 KCMIL Thermoset Jacket / 2000V



APPLICATIONS:

ALL-TEMP(K) INDUSTRITE® Power Cable is designed and manufactured for use in continuous flexing, twisting, and other abusive physical applications where flame, abrasion, chemicals, moisture, impact, tearing, and temperature extremes are considerations. Applications include portable power, spring and motor driven reels, festoon systems, power tracks, cable tenders, cranes and hoists.

ALL-TEMP(K) INDUSTRITE® cables are suitable for use indoors and outdoors on magnet cranes, barges, milling machines, mining equipment, and oil rigs, and are suitable for installations in water including aerator ponds.

- Festoon Application
- Level Wind Motor Driven with Sheaves
- Pendant Push Buttons
- Random Wind Motor Driven
- Level Wind Motor Driven Other Planes
- Power Track System

SPECIFICATIONS & RATINGS:

- Rated for Continuous Operation at -40° C to 90° C
- UL Listed (E130231) Type W 2000 volts 90° C Wet or Dry
- Certified CSA (LL231593) Type W, 2000 volt, FT1 and FT5
- UL Festooning
- RoHS Compliant

CONSTRUCTION OPTIONS:

Consult factory for cables designed and manufactured in a variety of alternative constructions for specific applications.

Options Include:

- Overall Shields and Armor
- Composite Conductors
- Fiber Optic Components
- Cold Temperature Thermoset Jacket Compound for -50°C Rating
- MSHA Approval
- Green/Yellow Stripe Neutral

Note: The use of basket-weave grips, a minimum of 12" in length, is recommended for prolonging cable life.

Single conductor versions are available from 8 AWG to 1000 KCMIL.

DESIGN PARAMETERS:

Conductors:

Extra-flexible rope stranding (Class K), soft-drawn uncoated copper per ASTM B-3, ASTM B-172, and UL-62 offers high flexibility, extended flex-life and reduced copper fatigue/conductor breakage.

Separator:

Separator tape for easy stripping.

Insulation:

Black thermoset (EPDM) insulation. Excellent physical and electrical properties, insulation has printed color code for easy conductor identification, suitable for use in extreme flexing applications.

Cabling:

Conductors are cabled with non-wicking, nonhygroscopic fillers, without a separator which allows pressureextruded jacket to fill interstices and prohibits conductor displacement during flexing operations.

Jacket:

Available in stock with black, oil and flame-resistant, double-layer, reinforced thermoset jacket per UL-62 and ANSI/ NEMA WC 58 ICEA S-95-381, suitable for use indoors and outdoors in abusive flexing applications where oil, chemicals, and extreme temperatures are considerations.

AVAILABLE JACKET COLORS:



All-Temp Industrite® Magnet Cable

Type W Magnet Crane Cable / 105° C to -50° C / 8 to 2/0 AWG / Thermoset Jacket
2000V



Part Number	Conductor Number	Conductor Size	Stranding	Nominal Insulation Thickness in (mm)	Nominal Jacket Thickness in (mm)	Nominal Cable O.D. in (mm)	Ampacity ¹	Minimum Bend Diameter in (mm)	Approximate Cable Weight Lbs/Mft (Kg/Km)
K13377C	2	8 AWG	168/30	.060 (1.5)	.110 (2.8)	.810 (20.6)	83	7 (177.8)	343 (511)
K13378C	3	8 AWG	168/30	.060 (1.5)	.135 (3.4)	.910 (23.1)	73	7 (177.8)	471 (701)
K13379C	4	8 AWG	168/30	.060 (1.5)	.135 (3.4)	.990 (25.1)	57	8 (203.2)	637 (948)
K13380C	6	8 AWG	168/30	.060 (1.5)	.155 (3.9)	1.180 (30.0)	57	9 (228.6)	948 (1411)
K13371C	2	6 AWG	266/30	.060 (1.5)	.125 (3.2)	.930 (23.6)	110	7 (177.8)	498 (741)
K13372C	3	6 AWG	266/30	.060 (1.5)	.140 (3.6)	1.010 (25.7)	97	8 (203.2)	607 (904)
K13373C	4	6 AWG	266/30	.060 (1.5)	.140 (3.6)	1.100 (27.9)	77	9 (228.6)	862 (1283)
K13374C	6	6 AWG	266/30	.060 (1.5)	.155 (3.9)	1.310 (33.3)	77	11 (279.4)	1144 (1703)
K13365C	2	4 AWG	420/30	.060 (1.5)	.155 (3.9)	1.080 (27.4)	145	9 (228.6)	681 (1014)
K13366C	3	4 AWG	420/30	.060 (1.5)	.170 (4.3)	1.170 (29.7)	127	9 (228.6)	875 (1303)
K13367C	4	4 AWG	420/30	.060 (1.5)	.170 (4.3)	1.270 (32.3)	100	10 (254.0)	1135 (1690)
K13368C	6	4 AWG	420/30	.060 (1.5)	.190 (4.8)	1.520 (38.6)	100	12 (304.8)	1629 (2425)
K13360C	2	2 AWG	665/30	.060 (1.5)	.190 (4.8)	1.270 (32.3)	194	10 (254.0)	1040 (1548)
K13361C	3	2 AWG	665/30	.060 (1.5)	.190 (4.8)	1.340 (34.0)	169	11 (279.4)	1280 (1906)
K13362C	4	2 AWG	665/30	.060 (1.5)	.200 (5.1)	1.480 (37.6)	135	12 (304.8)	1636 (2436)
K13356C	2	1 AWG	836/30	.080 (2.0)	.170 (4.3)	1.440 (36.6)	226	12 (304.8)	1325 (2973)
K13357C	3	1 AWG	836/30	.080 (2.0)	.170 (4.3)	1.510 (38.4)	197	12 (304.8)	1680 (2501)
K13358C	4	1 AWG	836/30	.080 (2.0)	.180 (4.6)	1.680 (42.7)	158	13 (330.2)	2135 (3179)
K13353C	3	1/0 AWG	1045/30	.080 (2.0)	.170 (4.3)	1.710 (43.4)	228	13 (330.2)	1841 (2741)
K13354C	4	1/0 AWG	1045/30	.080 (2.0)	.170 (4.3)	1.790 (45.5)	183	14 (333.6)	2446 (3642)
K13350C	3	2/0 AWG	1330/30	.080 (2.0)	.200 (5.1)	1.750 (44.5)	264	14 (333.6)	2232 (3323)
K13351C	4	2/0 AWG	1330/30	.080 (2.0)	.200 (5.1)	1.980 (49.0)	211	15 (381.0)	3268 (4865)
K13347C	3	3/0 AWG	1672/30	.080 (2.0)	.240 (6.1)	1.890 (48.0)	306	15 (381.0)	2852 (4246)
K13348C	4	3/0 AWG	1672/30	.080 (2.0)	.240 (6.1)	2.070 (52.6)	244	17 (431.8)	3611 (5376)
K13343C	3	4/0 AWG	2107/30	.080 (2.0)	.170 (4.3)	2.040 (51.8)	352	16 (406.4)	3458 (5148)
K13344C	4	4/0 AWG	2107/30	.080 (2.0)	.170 (4.3)	2.260 (57.4)	282	18 (457.2)	4546 (6768)

SINGLE CONDUCTOR CABLES (TYPE W 2000V)

K13376C	1	8 AWG	168/30	.060 (1.5)	.075 (5.3)	.448 (11.4)	80	4 (101.6)	133 (198)
K13370C	1	6 AWG	266/30	.060 (1.5)	.095 (2.4)	.520 (13.2)	110	4 (101.6)	190 (283)
K13364C	1	4 AWG	420/30	.060 (1.5)	.095 (2.4)	.570 (14.5)	145	5 (127.0)	253 (376)
K13359C	1	2 AWG	665/30	.060 (1.5)	.095 (2.4)	.635 (16.1)	200	5 (127.0)	350 (521)
K13355C	1	1 AWG	836/30	.080 (2.0)	.095 (2.4)	.735 (18.7)	223	6 (152.4)	449 (668)
K13161C	1	1/0 AWG	1045/30	.080 (2.0)	.095 (2.4)	.780 (19.8)	265	6 (152.4)	535 (796)
K13162C	1	2/0 AWG	1330/30	.080 (2.0)	.095 (2.4)	.820 (20.8)	310	7 (177.8)	638 (949)
K13345C	1	3/0 AWG	1672/30	.080 (2.0)	.095 (2.4)	.850 (21.6)	365	7 (177.8)	759 (1129)
K13163C	1	4/0 AWG	2107/30	.080 (2.0)	.095 (2.4)	.980 (24.9)	420	8 (203.2)	940 (1399)
K13164C	1	250 kcmil	2499/30	.095 (2.4)	.095 (2.4)	1.065 (27.1)	460	9 (228.6)	1113 (1656)
K13165C	1	300 kcmil	2989/30	.095 (2.4)	.095 (2.4)	1.150 (29.2)	525	9 (228.6)	1300 (1985)
K13341C	1	400 kcmil	3990/30	.095 (2.4)	.095 (2.4)	1.260 (32.0)	645	10 (254.0)	1669 (2484)
K13167C	1	500 kcmil	5054/30	.095 (2.4)	.095 (2.4)	1.375 (34.9)	730	11 (279.4)	2059 (3064)
K23647C	1	600 kcmil	5985/30	.110 (2.8)	.095 (2.4)	1.540 (39.1)	810	12 (304.8)	2453 (3650)
K23648C	1	750 kcmil	7581/30	.110 (2.8)	.095 (2.4)	1.690 (42.9)	918	14 (355.6)	3024 (4500)
K13340C	1	1000 kcmil	10101/30	.110 (2.8)	.095 (2.4)	1.830 (46.5)	1095	15 (381.0)	3888 (5786)

¹Ampacity based on single cable in free air 30° C ambient, 90° C conductor temperature.

ALL-TEMP INDUSTRIITE color code: 1) Black 2) White 3) Red 4) Green 5) Orange 6) Blue

The data herein is approximate and subject to normal manufacturing tolerances.

These specifications are subject to change without notice.



Prysmian

4 Tessenere Drive, Highland Heights, KY 41076

na.prysmian.com

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