General Cable

Industrial and Construction Cables

PRODUCT REFERENCE GUIDE

SEPTEMBER 2016

Industrial

Serving Industrial, Specialty and Commercial Applications

This Mini catalog contains key information on all standard stock items in our Industrial line of instrumentation, power and control cables.

The product information has been developed with an easy-to-use format. It features the latest information on industrial cable products, from cable design, temperature rating and conductor size range to detailed industry listings and approvals, and specification data.

Our products are readily available through our network of authorized stocking distributors and distribution centers.

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General Cable

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Voltage Drop Calculator

Ampacity Calculator

Conduit Fill Calculator

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Multi-Conductor, Low-Voltage Power Cables (cont'd.)

Single Conductor, Medium-Voltage Cables

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Single-Conductor, Low-Voltage Cables

SPEC 5290

LISTED c LISTED

RoHS Compliant Directive 2011/65/EU

Type THHN/THWN-2 High Speed 600 V, CT Rated

Cable design: One bare solid or stranded copper conductor with combination PVC/nylon insulation

Temperature Rating:
90˚C dry, 75˚C wet (10 AWG and smaller)
90˚C wet, 90˚C dry (8 AWG and larger)

Conductor Size Range: 14 AWG thru 750 kmcil

Industry Listings or Approvals: UL Listed as 600 V Type THHN/THWN-2 (8 AWG and larger) and THHN/THWN (10 AWG and smaller) per UL 83, c(UL) Type T90 • Gas- and oil-resistant • Meets flame testing requirements of UL 1581 VW-1 for sizes 1 AWG and smaller • Sizes 1/0 AWG and larger are marked sunlight-resistant (black only) and for CT use • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	PVC INSULATION (MILS)	NYLON INSULATION (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
5290	23014	14 Solid	15	4	0.101	15
5290	23012	12 Solid	15	4	0.120	23
5290	23010	10 Solid	20	4	0.149	37
5290	24014	14 (7W)	15	4	0.109	16
5290	24012	12 (7W)	15	4	0.127	23
5290	24010	10 (7W)	20	4	0.160	38
5290	25008	8 (19W)	30	5	0.212	62
5290	25006	6 (19W)	30	5	0.248	94
5290	25004	4 (19W)	40	6	0.317	153
5290	25003	3 (19W)	40	6	0.344	189
5290	25002	2 (19W)	40	6	0.375	233
5290	25001	1 (19W)	50	7	0.435	298
5290	26110	1/0 (19W)	50	7	0.474	372
5290	26210	2/0 (19W)	50	7	0.518	462
5290	26310	3/0 (19W)	50	7	0.568	572
5290	26410	4/0 (19W)	50	7	0.624	712
5290	27250	250 (37W)	60	8	0.678	849
5290	27300	300 (37W)	60	8	0.730	1010
5290	27350	350 (37W)	60	8	0.777	1170
5290	27400	400 (37W)	60	8	0.821	1330
5290	27500	500 (37W)	60	8	0.902	1650
5290	27600	600 (61W)	70	9	1.051	2019
5290	27750	750 (61W)	70	9	1.156	2466

SPEC 5175

LISTED

RoHS Compliant Directive 2011/65/EU

Type XHHW-2 High Speed 600 V, CT Rated

Cable design: One bare stranded copper conductor with XLPE insulation

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 14 AWG thru 750 kmcil

Industry Listings or Approvals: UL Listed as 600 V Type XHHW-2 per UL 44 • Sizes 1/0 AWG and larger are marked sunlight-resistant (black only) and for CT use • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
5175	391070	14 (7W)	30	0.13	17
5175	391080	12 (7W)	30	0.15	26
5175	391090	10 (7W)	30	0.18	38
5175	5175.008	8 (7W)	45	0.24	65
5175	5175.006	6 (7W)	45	0.28	99
5175	5175.004	4(7W)	45	0.33	152
5175	5175.002	2 (7W)	45	0.39	233
5175	5175.001	1 (19W)	55	0.44	293
5175	5175.110	1/0 (19W)	55	0.48	364
5175	5175.210	2/0 (19W)	55	0.53	453
5175	5175.310	3/0 (19W)	55	0.58	565
5175	5175.410	4/0 (19W)	55	0.63	706
5175	5175.250	250 (37W)	65	0.70	837
5175	5175.350	350 (37W)	65	0.80	1157
5175	5175.500	500 (37W)	65	0.93	1634
5175	5175.600	600 (61W)	80	1.04	1972
5175	5175.750	750 (61W)	80	1.15	2448

Dimensions and weights are nominal; subject to industry tolerances.
(1) Allowable ampacities shown are for general use as specified by the National Electric Code, 2011 Edition, Section 310.15(B)(16). Adjustments and corrections may apply:
90°C – wet or dry locations. For ampacity derating purposes.
Dwelling – For dwelling units, conductors shall be permitted as listed ampacities at 120/240-volt, 3-wire, single-phase services and feeders.

Data and stock status subject to change without notice. If more comprehensive information is required on any referenced product, please refer to our full line Industrial catalog at: http://gcna.us/catalogs/IndustrialCable.

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Single-Conductor, Low-Voltage Cables

SPEC 5125

LISTED c LISTED RoHS Compliant Directive 2011/65/EU

GenFree® II High Speed 600 V (XLPO), Type XHHW-2

Cable design: One tinned stranded copper conductor with LSZH XLPO insulation

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 14 AWG to 750 kmcil

Industry Listings or Approvals: UL Listed as 600 V Type XHHW-2-LSHF per UL 44 • c(UL) Type RW90 • Meets flame testing requirements of IEEE 1202/CSA FT4 and UL1581 VW-1 (10 AWG and larger) • Marked sunlight-resistant • Sizes 1/0 AWG and larger are marked for CT use • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
5125	5125.014	14 197W)	30	0.13	17
5125	5125.012	12 (19W)	30	0.15	26
5125	5125.010	10 (19W)	30	0.18	38
5125	5125.008	8 (19W)	45	0.24	65
5125	5125.006	6(19W)	45	0.28	99
5125	5125.004	4(19W)	45	0.33	152
5125	5125.002	2 (19W)	45	0.39	233
5125	5125.001	1 (19W)	55	0.44	293
5125	5125.110	1/0 (19W)	55	0.48	364
5125	5125.210	2/0 (19W)	55	0.53	453
5125	5125.310	3/0 (19W)	55	0.58	565
5125	5125.410	4/0 (19W)	55	0.63	706
5125	5125.250	250 (37W)	65	0.70	837
5125	5125.350	350 (37W)	65	0.80	1157
5125	5125.500	500 (37W)	65	0.93	1634
5125	5125.600	600 (61W)	80	1.04	1972
5125	5125.750	750 (61W)	80	1.15	2448

Dimensions and weights are nominal; subject to industry tolerances.

SPEC 5250

LISTED c LISTED RoHS Compliant Directive 2011/65/EU

Unicon® High Speed 600 V, Type RHH/RHW-2 or USE-2

Cable design: One bare stranded copper conductor with XLPE insulation

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 14 AWG to 750 kmcil

Industry Listings or Approvals: UL Listed as 600 V Type RHH/RHW-2 per UL 44 and 600 V • Type USE-2 per UL 854 • Meets flame testing requirements of IEEE 1202/CSA FT4 and UL 1581 VW-1 • Marked sunlight-resistant • Sizes 1/0 AWG and larger are marked for CT use • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS PER 1000 FT)
5250	**14511.411405**	14 (7W)	45	0.17	24
5250	**14511.411205**	12 (7W)	45	0.19	33
5250	**14511.411005**	10 (7W)	45	0.21	48
5250	**14511.410800**	8 (7W)	60	0.27	78
5250	**14511.410600**	6(7W)	60	0.31	114
5250	**14511.410405**	4(7W)	60	0.36	169
5250	**14511.710205**	2 (7W)	60	0.42	254
5250	**14511.715105**	1/0 (19W)	80	0.53	403
5250	**14511.715205**	2/0 (19W)	80	0.58	501
5250	**14511.715405**	4/0 (19W)	80	0.69	760
5250	**14511.716005**	250 (37W)	95	0.77	906
5250	**14511.716205**	350 (37W)	95	0.87	1237
5250	**14511.716505**	500 (37W)	95	1.00	1730
5250	**14511.717005**	750 (61W)	110	1.22	2576

Dimensions and weights are nominal; subject to industry tolerances.

Single-Conductor, Low-Voltage Cables

SPEC 5050

UL LISTED

RoHS Compliant Directive 2011/65/EU

DuraSheath® High Speed
600 V (EPR/XL-CPE), Type RHH/RHW-2 or USE-2

Cable design: One tinned stranded copper conductor with composite EPR/XL-CPE insulation

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 14 AWG thru 750 kmcil

Industry Listings or Approvals: UL Listed as 600 V Type RHH/RHW-2 per UL 44 and 600 V Type USE-2 per UL 854 • Meets flame testing requirements of IEEE 1202/CSA FT4 and UL 1581 VW-1 • Marked sunlight-resistant • Sizes 1/0 AWG and larger are marked for CT use • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	INNER INSULATION (MILS)	OUTER INSULATION (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
5050	14511.411405	14 (7W)	30	15	0.17	24
5050	14511.411205	12 (7W)	30	15	0.19	33
5050	14511.411005	10 (7W)	30	15	0.21	48
5050	14511.410800	8 (7W)	45	15	0.28	77
5050	14511.410600	6 (7W)	45	30	0.35	122
5050	14511.410405	4(7W)	45	30	0.39	178
5050	14511.710205	2 (7W)	45	30	0.46	265
5050	14511.715105	1/0 (19W)	55	45	0.58	422
5050	14511.715205	2/0 (19W)	55	45	0.63	518
5050	14511.715405	4/0 (19W)	55	45	0.74	785
5050	14511.716005	250 (37W)	65	65	0.85	960
5050	14511.716205	350 (37W)	65	65	0.96	1299
5050	14511.716505	500 (37W)	65	65	1.09	1803
5050	14511.717005	750 (61W)	80	65	1.31	2664

Dimensions and weights are nominal; subject to industry tolerances.

SPEC 5075

UL LISTED c UL LISTED

RoHS Compliant Directive 2011/65/EU

GenFree® II High Speed
600 V (XLPO/XLPO), Type RHH/RHW-2-LSZH or USE-2

Cable design: One tinned stranded copper conductor with composite LSZH XLPO/ LSZH/XLPO insulation

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 14 AWG thru 750 kmcil

Industry Listings or Approvals: UL Listed as 600 V Type RHH/RHW-2-LSZH per UL 44 and 600 V Type USE-2 per UL 85, c(UL) Type RW90 • Meets flame testing requirements of IEEE 1202/CSA FT4 and UL 1581 VW-1 (10 AWG and larger) • Marked sunlight-resistant • Sizes 1/0 AWG and larger are marked for CT use • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	INNER INSULATION (MILS)	OUTER INSULATION (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
5075	14711.411400†	14 (7W)	30	15	0.17	24
5075	14711.411200†	12 (7W)	30	15	0.19	33
5075	14711.411000	10 (7W)	30	15	0.21	48
5075	14711.410800	8 (7W)	45	15	0.28	77
5075	14711.410600	6 (7W)	45	30	0.35	122
5075	14711.410400	4(7W)	45	30	0.39	178
5075	14711.710200	2 (7W)	45	30	0.46	265
5075	14711.715100	1/0 (19W)	55	45	0.58	422
5075	14711.715200	2/0 (19W)	55	45	0.63	518
5075	14711.715405	4/0 (19W)	55	45	0.74	785
5075	14711.716000	250 (37W)	65	65	0.85	960
5075	14711.716205	350 (37W)	65	65	0.96	1299
5075	14711.716500	500 (37W)	65	65	1.09	1803
5075	14711.717000	750 (61W)	80	65	1.31	2664

Note: All sizes from 14 AWG thro 4/0 AWG are stocked in green.
Dimensions and weights are nominal; subject to industry tolerances.
† Not available with VW-1 rating.

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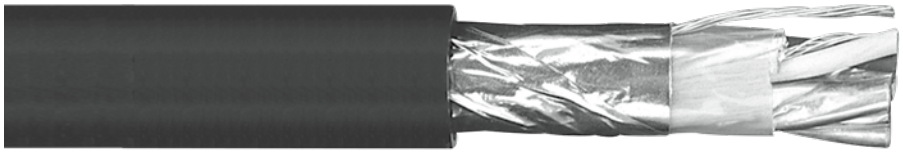
Multi-Conductor, Low-Voltage Instrumentation Cables

SPEC 2050



UL LISTED

RoHS Compliant Directive 2011/65/EU

CHTC® 600 V (XLPE/XL-CPE), Overall Shield (OAS) Instrumentation, Type TC

Cable design: Stranded tinned copper conductors insulated with XLPE insulation, pairs or triad configuration, Method 1 color coding, with individual and/or overall aluminum/mylar shield, tinned copper drain wire, overall XL-CPE jacket

Temperature Rating: 90˚C wet, 90˚C dry

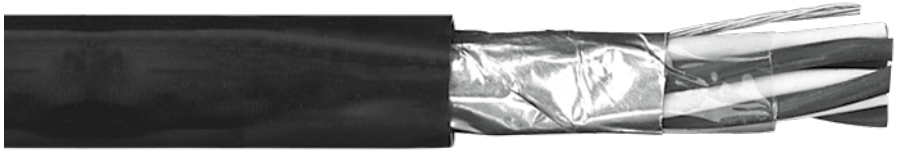
Conductor Size Range: 18 and 16 AWG

Industry Listings or Approvals: UL Listed as 600 V Type TC per UL 1277 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked sunlight-resistant • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF PAIRS/TRIADS	SHIELD TYPE	DRAIN WIRE SIZE (AWG)	NOMINAL INSULATION (MILS)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
2050	**285150**	18 (7W)	1PR	OAS	22	30	45	0.315	49
2050	**240990**	16 (7W)	1PR	OAS	22	30	45	0.345	61
2050	**241510**	16 (7W)	1TR	OAS	22	30	45	0.360	85

Dimensions and weights are nominal; subject to industry tolerances.

SPEC 2100
SPEC 2150



UL LISTED

RoHS Compliant Directive 2011/65/EU

FREP® 600 V (EPR/CPE), Overall Shield (OAS) Instrumentation, Type TC
FREP® 600 V (EPR/CPE), Individual and Overall Shield (IOAS) Instrumentation, Type TC

Cable design: Stranded tinned copper conductors insulated with EPR insulation, pairs or triad configuration, Method 1 color coding, with individual and/or overall aluminum/mylar shield as required, tinned copper drain wire, overall CPE jacket

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 18 and 16 AWG (Spec 2100 - OAS; Spec 2150 - IOAS)

Industry Listings or Approvals: UL Listed as 600 V Type TC per UL 1277 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked direct burial and sunlight-resistant • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF PAIRS/TRIADS	SHIELD TYPE	DRAIN WIRE SIZE (AWG)	NOMINAL INSULATION (MILS)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
2150	**279700**	18 (7W)	2PR	IOAS	22	25	45	0.473	83
2150	**279710**	18 (7W)	4PR	IOAS	22	25	60	0.586	152
2100	**314960**	16 (7W)	1PR	OAS	22	25	45	0.320	52
2100	**279690**	16 (7W)	1TR	OAS	22	25	45	0.335	66
2100	**280500**	16 (7W)	2PR	IOAS	22	25	45	0.500	103
2100	**280520**	16 (7W)	4PR	IOAS	22	25	60	0.650	189
2100	**280530**	16 (7W)	6PR	IOAS	22	25	60	0.755	268
2100	**280540**	16 (7W)	8PR	IOAS	22	25	60	0.840	330
2100	**279760**	16 (7W)	12PR	IOAS	22	25	80	1.065	506

Dimensions and weights are nominal; subject to industry tolerances.

Multi-Conductor, Low-Voltage Instrumentation Cables

SPEC 9325
SPEC 9350

CCW® 600 V, Armored Overall Shield (OAS) Instrumentation
CCW® 600 V, Armored Individual and Overall Shield (IOAS) Instrumentation, Type MC-HL

Cable design: Stranded bare copper conductors insulated with PVC/nylon, pairs or triad configuration, Method 1 color coding, with overall aluminum/mylar shield, tinned copper drain wire, continuously corrugated and welded (CCW) armor, overall PVC jacket

Temperature Rating: 90˚C

Conductor Size Range: 16 AWG (Spec 9325 - OAS; Spec 9350 – IOAS)

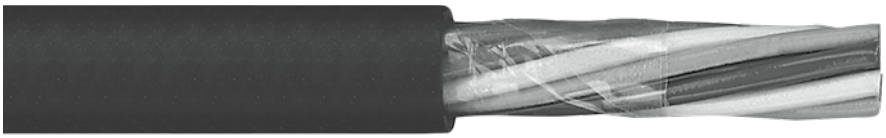
Industry Listings or Approvals: UL Listed as 600 V Type MC-HL per UL 1569 for Class 1 Div. 1 hazardous locations • ABS listed for CWCMC • Marine shipboard cable per UL 1309 • Direct burial • Meets flame testing requirements of IEEE 1202, CSA FT4, UL 1581 and IEC 60332-3 • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF PAIRS/TRIADS	SHIELD TYPE	DRAIN WIRE SIZE (AWG)	NOMINAL INSULATION (MILS)	NOMINAL INNER JACKET THICKNESS (MILS)	NOMINAL ARMOR O.D. (INCHES)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
9325	**9325.16010001**	16 (7W)	1PR	OAS	16	19	60	0.53	50	0.64	185
9325	**9325.16010002**	16 (7W)	1TR	OAS	16	19	50	0.53	50	0.64	195
9350	**9350.16020001**	16 (7W)	2PR	IOAS	16	19	50	0.67	50	0.78	239
9350	**9350.16040001**	16 (7W)	4PR	IOAS	16	19	50	0.80	50	0.91	342
9350	**9350.16040002**	16 (7W)	4TR	IOAS	16	19	50	0.84	50	0.95	403
9350	**9350.16080001**	16 (7W)	8PR	IOAS	16	19	50	0.93	50	1.04	502
9350	**9350.16120001**	16 (7W)	12PR	IOAS	16	19	50	1.11	50	1.22	687
9350	**9350.16240001**	16 (7W)	24PR	IOAS	16	19	50	1.42	50	1.53	1140

Dimensions and weights are nominal; subject to industry tolerances.

Multi-Conductor, Low-Voltage Control Cables

SPEC 4600
SPEC 4650



UL LISTED

RoHS Compliant
Directive 2011/65/EU

VNTC® 600 V (PVC/Nylon/PVC), Type TC-ER[1] (18 AWG thru 10 AWG)

Cable design: Two or more tinned stranded copper conductors insulated with PVC/nylon with overall PVC jacket

Temperature Rating: 90˚C wet, 75˚C dry

Conductor Size Range:
18 AWG and 16 AWG (Spec 4600)
14 AWG to 10 AWG (Spec 4650)

Industry Listings or Approvals:
UL Listed as 600 V Type TC-ER per UL 1277 • Conductors listed as TFN per UL 66 and THHN/THWN per UL 83 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked direct burial and sunlight-resistant • Rated for exposed run in accordance with NEC guidelines • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	COND. SIZE (STRAND.)	NUMBER OF COND.	COND. COLOR CODING	NOMINAL INSULATION (MILS)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
4600	236090	18 (7/W)	2 Flat	E2	20	45	.190 x .285	36
4600	245920	18 (7/W)	3	E2	20	45	0.285	46
4600	236100	18 (7/W)	4	E2	20	45	0.310	56
4600	244680	18 (7/W)	5	E2	20	45	0.335	65
4600	244660	18 (7/W)	7	E2	20	45	0.360	82
4600	236160	16 (7W)	2 Flat	E2	20	45	.200 x .310	42
4600	245580	16 (7W)	2	E2	20	45	0.300	50
4600	236170	16 (7W)	3	E2	20	45	0.315	60
4600	236180	16 (7W)	4	E2	20	45	0.340	74
4600	236190	16 (7W)	5	E2	20	45	0.370	97
4600	236210	16 (7W)	7	E2	20	45	0.400	111
4600	243640	16 (7W)	9	E2	20	45	0.460	141
4600	236240	16 (7W)	12	E2	20	45	0.505	178
4650	235040	14 (7W)	2 Flat	E2	20	45	.210 x .320	54
4650	235050	14 (7W)	3	E2	20	45	0.345	80
4650	235060	14 (7W)	4	E2	20	45	0.365	100
4650	235070	14 (7W)	5	E2	20	45	0.410	118
4650	235080	14 (7W)	7	E2	20	45	0.445	153
4650	235090	14 (7W)	9	E2	20	60	0.505	213
4650	235110	14 (7W)	12	E2	20	60	0.595	267
4650	234580	12 (7W)	2 Flat	E2	20	45	.225 x .360	74
4650	234590	12 (7W)	3	E2	20	45	0.385	131
4650	255090	12 (7W)	3WG	E2	20	45	0.385	148
4650	277460	12 (7W)	3BWG	E2	20	45	0.385	131
4650	234600	12 (7W)	4	E2	20	45	0.420	145
4650	226420	12 (7W)	5	E2	20	45	0.445	165
4650	234620	12 (7W)	7	E2	20	45	0.490	217
4650	226500	12 (7W)	9	E2	20	60	0.605	297
4650	234640	12 (7W)	12	E2	20	60	0.675	377
4650	236300	10 (7W)	2 Flat	E2	26	45	.260 x .425	108
4650	236310	10 (7W)	3	E2	26	45	0.450	191
4650	255080	10 (7W)	3WG	E2	26	45	0.450	191
4650	236320	10 (7W)	4	E2	26	45	0.505	209
4650	236330	10 (7W)	5	E2	26	60	0.570	268
4650	236340	10 (7W)	7	E2	26	60	0.620	350

Dimensions and weights are nominal; subject to industry tolerances.
[1] Approved as TYPE TC-ER for Exposed Run applications of 3 or more conductors as defined by NEC.

Multi-Conductor, Low-Voltage Control Cables

SPEC 4500

UL LISTED

RoHS Compliant Directive 2011/65/EU

CVTC® 600 V (XLPE/PVC), Type TC-ER[1]

Cable design: Two or more bare stranded copper conductors insulated with XLPE with overall PVC jacket

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 14 AWG to 10 AWG

Industry Listings or Approvals: UL Listed as 600 V Type TC-ER per UL 1277 • Conductors listed as XHHW-2 per UL 44 and meet flame requirements of UL 1581 VW-1 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked direct burial and sunlight-resistant • Rated for exposed run in accordance with NEC guidelines • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	COND. SIZE (STRAND.)	NUMBER OF COND.	COND. COLOR CODING	NOMINAL INSULATION (MILS)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
4500	770460	14(7/W)	2 Flat	E2	30	45	.235 x .370	62
4500	770530	14(7/W)	3	E2	30	45	0.390	93
4500	770610	14(7/W)	4	E2	30	45	0.425	116
4500	770420	14(7/W)	5	E2	30	45	0.465	140
4500	770560	14(7/W)	7	E2	30	45	0.590	176
4500	770540	14(7/W)	9	E2	30	60	0.620	245
4500	770470	14(7/W)	12	E2	30	60	0.680	302
4500	770550	14(7/W)	19	E2	30	60	0.800	460
4500	770480	12(7W)	2 Flat	E2	30	45	.245 x .400	86
4500	770570	12(7W)	3	E2	30	45	0.435	125
4500	365720	12(7W)	3WG	E2	30	45	0.435	143
4500	770490	12(7W)	4	E2	30	45	0.475	157
4500	770410	12(7W)	5	E2	30	45	0.515	191
4500	770950	12(7W)	7	E2	30	60	0.595	260
4500	770580	12(7W)	9	E2	30	60	0.695	340
4500	770520	12(7W)	12	E2	30	60	0.780	429
4500	770590	10(7W)	2 Flat	E2	30	45	.290 x .480	114
4500	770600	10(7W)	3	E2	30	45	0.485	173
4500	770670	10(7W)	3WG	E2	30	45	0.485	201
4500	770370	10(7W)	4	E2	30	60	0.515	236
4500	770380	10(7W)	5	E2	30	60	0.615	287
4500	770900	10(7W)	7	E2	30	60	0.670	371
4500	770400	10(7W)	12	E2	30	60	0.895	644

Dimensions and weights are nominal; subject to industry tolerances.
[1] Approved as TYPE TC-ER for Exposed Run applications of 3 or more conductors as defined by NEC.

Multi-Conductor, Low-Voltage Control Cables

SPEC 4300
SPEC 4310

UL LISTED

RoHS Compliant
Directive 2011/65/EU

FREP® 600 V (EPR/CPE), Type TC-ER[1] (E1 & E2 Color Code)

Cable design: Two or more tinned stranded copper conductors insulated with EPR with overall CPE jacket

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 14 AWG to 10 AWG (Spec 4300 – E2; Spec 4310 – E1)

Industry Listings or Approvals: UL Listed as 600 V Type TC-ER per UL 1277 • Conductors listed as XHHW-2 per UL 44 and meet flame requirements of UL 1581 VW-1 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked direct burial and sunlight-resistant • Rated for exposed run in accordance with NEC guidelines • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	COND. SIZE (STRAND.)	NUMBER OF COND.	COND. COLOR CODING	NOM. INSULATION (MILS)	NOM. JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
4300	279560	14 (7W)	2 Flat	E2	30	45	.365 x .230	61
4310	280590	14 (7W)	2 Flat	E1	30	45	.365 x .230	61
4300	280180	14 (7W)	3	E2	30	45	0.390	92
4310	280230	14 (7W)	3	E1	30	45	0.390	92
4300	280190	14 (7W)	4	E2	30	45	0.425	115
4310	280240	14 (7W)	4	E1	30	45	0.425	115
4300	279870	14 (7W)	5	E2	30	45	0.465	139
4310	280250	14 (7W)	5	E1	30	45	0.465	139
4300	280200	14 (7W)	7	E2	30	45	0.505	173
4310	280260	14 (7W)	7	E1	30	45	0.505	173
4300	280210	14 (7W)	9	E2	30	60	0.620	240
4310	280270	14 (7W)	9	E1	30	60	0.620	240
4300	279880	14 (7W)	12	E2	30	60	0.700	301
4310	280280	14 (7W)	12	E1	30	60	0.700	301
4300	279580	14 (7W)	19	E2	30	60	0.815	468
4300	279590	14 (7W)	25	E2	30	80	0.935	624
4300	279600	14 (7W)	37	E2	30	80	1.110	875
4300	279840	12 (7W)	2 Flat	E2	30	45	.400 x .245	82
4310	279850	12 (7W)	2 Flat	E1	30	45	.400 x .245	82
4300	280300	12 (7W)	3	E2	30	45	0.435	124
4310	280360	12 (7W)	3	E1	30	45	0.435	124
4300	280170	12 (7W)	3WG	E2	30	45	0.435	148
4300	280310	12 (7W)	4	E2	30	45	0.475	157
4310	279910	12 (7W)	4	E1	30	45	0.475	157
4300	280320	12 (7W)	5	E2	30	45	0.520	191
4310	280370	12 (7W)	5	E1	30	45	0.520	191
4300	279890	12 (7W)	7	E2	30	60	0.595	268
4310	280380	12 (7W)	7	E1	30	60	0.595	268
4300	280330	12 (7W)	9	E2	30	60	0.695	337
4300	280340	12 (7W)	12	E2	30	60	0.765	428
4300	279610	12 (7W)	19	E2	30	80	0.940	688
4300	301870	12 (7W)	37	E2	30	80	1.240	1240
4300	279570	10 (7W)	2 Flat	E2	30	45	.445 x .270	113
4300	280410	10 (7W)	3	E2	30	45	0.485	172
4310	279920	10 (7W)	3	E1	30	45	0.485	172
4300	279680	10 (7W)	3WG	E2	30	45	0.485	225
4300	279900	10 (7W)	4	E2	30	60	0.560	234
4310	279930	10 (7W)	4	E1	30	60	0.560	234
4300	279620	10 (7W)	5	E2	30	60	0.615	284
4300	279630	10 (7W)	7	E2	30	60	0.670	331
4300	279640	10 (7W)	9	E2	30	60	0.760	464
4300	279650	10 (7W)	12	E2	30	80	0.905	651

Dimensions and weights are nominal; subject to industry tolerances.
[1] Approved as TYPE TC-ER for Exposed Run applications of 3 or more conductors as defined by NEC.

Multi-Conductor, Low-Voltage Control Cables

SPEC 4075

UL LISTED

RoHS Compliant Directive 2011/65/EU

CHTC® 600 V (XLPE/XL-CPE), Type TC

Cable design: Two or more tinned stranded copper conductors insulated with XLPE with overall XL-CPE jacket

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 14 AWG to 10 AWG

Industry Listings or Approvals: UL Listed as 600 V Type TC-ER per UL 1277 • Conductors listed as XHHW-2 per UL 44 and meet flame requirements of UL 1581 VW-1 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked direct burial and sunlight-resistant • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	COND. SIZE (STRAND.)	NUMBER OF COND.	COND. COLOR CODING	NOM. INSULATION (MILS)	NOM. JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
4075	**330580**	14 (7W)	2	E1	30	45	0.370	75
4075	**244160**	14 (7W)	3	E1	30	45	0.390	95
4075	**239640**	14 (7W)	4	E1	30	45	0.425	118
4075	**239700**	14 (7W)	5	E1	30	45	0.465	143
4075	**237500**	14 (7W)	7	E1	30	45	0.505	179
4075	**239660**	14 (7W)	9	E1	30	60	0.620	249
4075	**252400**	14 (7W)	12	E1	30	60	0.700	317
4075	**239670**	12 (7W)	2	E1	30	45	0.410	98
4075	**233330**	12 (7W)	3	E1	30	45	0.435	127
4075	**239680**	12 (7W)	4	E1	30	45	0.475	160
4075	**239650**	12 (7W)	5	E1	30	45	0.520	194
4075	**243530**	12 (7W)	7	E1	30	60	0.595	264
4075	**239620**	12 (7W)	9	E1	30	60	0.695	345
4075	**252360**	12 (7W)	12	E1	30	60	0.780	435
4075	**252230**	12 (7W)	19	E1	30	80	0.955	690
4075	**243540**	10 (7W)	2	E1	30	45	0.455	126
4075	**239630**	10 (7W)	3	E1	30	45	0.485	176
4075	**233310**	10 (7W)	4	E1	30	60	0.560	240
4075	**262680**	10 (7W)	5	E1	30	60	0.615	291
4075	**235680**	10 (7W)	9	E1	30	60	0.765	456
4075	**375470**	10 (7W)	12	E1	30	80	0.905	636
4075	**437480**	10 (7W)	19	E1	30	80	1.050	973

Dimensions and weights are nominal; subject to industry tolerances.

Multi-Conductor, Low-Voltage Control Cables

SPEC 4900

UL LISTED

RoHS Compliant Directive 2011/65/EU

GenFree® 600 V (XLPE/LSZH), Type TC-ER-LS[1]

Cable design: Two or more tinned stranded copper conductors insulated with XLPE with overall LSZH jacket

Temperature Rating: 90˚C wet, 90˚C dry

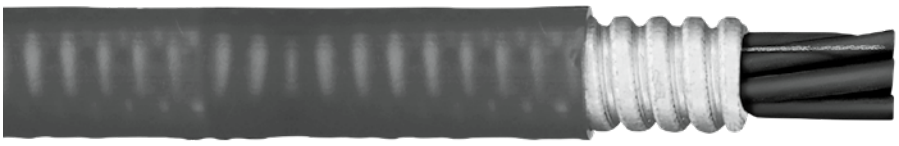
Conductor Size Range: 14 AWG to 10 AWG

Industry Listings or Approvals: UL Listed as 600 V Type TC-ER-LS per UL 1277 • Conductors listed as XHHW-2 per UL 44 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Rated for exposed run in accordance with NEC guidelines • Marked direct burial and sunlight-resistant • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF CONDUCTORS	CONDUCTOR COLOR CODING	NOMINAL INSULATION (MILS)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
4900	394300	14 (7/W)	3	E2	30	45	0.390	92
4900	394320	14 (7/W)	5	E2	30	45	0.465	139
4900	394330	14 (7/W)	7	E2	30	45	0.505	173
4900	394350	14 (7/W)	12	E2	30	60	0.700	301
4900	394400	12 (7W)	2 Flat	E2	30	45	.400 x .245	82
4900	394440	12 (7W)	4	E2	30	45	0.475	157
4900	394530	10 (7W)	2 Flat	E2	30	45	.445 x .270	113
4900	394560	10 (7W)	3	E2	30	45	0.485	172
4900	394570	10 (7W)	4	E2	30	60	0.560	234

Dimensions and weights are nominal; subject to industry tolerances.
[1] Approved as -ER for Exposed Run applications of 3 or more conductors as defined by the NEC.

SPEC 7050



UL LISTED

RoHS Compliant Directive 2011/65/EU

Duralox® 600 V, UL Type MC

Cable design: Two or more bare stranded copper conductors insulated with XLPE, cabled with applicably sized bare copper ground wire, aluminum interlocked armor with overall PVC jacket

Temperature Rating: 90˚C

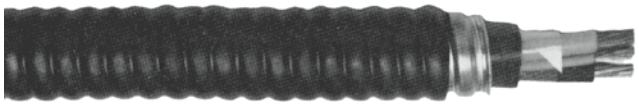
Conductor Size Range: 14 AWG to 10 AWG

Industry Listings or Approvals: UL Listed as 600 V Type MC per UL 1569 • Conductors listed as XHHW-2 per UL 44 • Meets flame testing requirements of UL 1581 and IEEE 1202/CSA FT4 • Marked sunlight-resistant, direct burial and for CT use • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF CONDUCTORS	GROUND WIRE SIZE (AWG)	NOMINAL INSULATION (MILS)	CONDUCTOR COLOR CODING	DIAMETER OVER ARMOR (IN)	NOMINAL JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
7050	346420	14 (7W)	3	14	30	E2	0.52	50	0.63	183
7050	346440	14 (7W)	5	14	30	E2	0.59	50	0.69	246
7050	346450	14 (7W)	7	14	30	E2	0.64	50	0.74	297
7050	346460	14 (7W)	9	14	30	E2	0.72	50	0.83	379
7050	346470	14 (7W)	12	14	30	E2	0.80	50	0.90	460
7050	346480	14 (7W)	19	14	30	E2	0.99	50	1.02	621
7050	346520	12 (7W)	3	12	30	E2	0.56	50	0.66	227
7050	346530	12 (7W)	4	12	30	E2	0.60	50	0.71	272
7050	346540	12 (7W)	5	12	30	E2	0.64	50	0.75	336
7050	346550	12 (7W)	7	12	30	E2	0.70	50	0.81	380
7050	346610	10 (7W)	3	10	30	E2	0.61	50	0.72	301
7050	346620	10 (7W)	4	10	30	E2	0.66	50	0.77	355

Dimensions and weights are nominal; subject to industry tolerances.

Multi-Conductor, Low-Voltage Control Cables



Canadian Standard Association

RoHS Compliant Directive 2011/65/EU

SPEC 8025
SPEC 8050
SPEC 8075

TECK90 600 V (14 AWG, 12 AWG, 10 AWG), CSA, Type HL

Cable design: Two or more bare stranded copper conductors insulated with XLPE, cabled with applicably sized bare copper ground wire, inner PVC jacket, aluminum interlocked armor with overall PVC jacket

Temperature Rating: 90˚C

Conductor Size Range: 14 AWG to 10 AWG
(Spec 8025 – 14 AWG; Spec 8050 – 12 AWG; Spec 8075 – 10 AWG)

Industry Listings or Approvals: TECK90 per CSA Standard C22.2 No. 131 and 174 • CSA HL rating for installation in hazardous locations per CEC • Marked direct burial and sunlight-resistant • Meets -40˚C CSA cold impact requirements and flame testing requirement of CSA FT1/FT4 and IEEE 1202 • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF CONDUCTORS	GROUND WIRE SIZE (AWG)	NOMINAL DIAMETER OVER INSULATION (MILS)	NOMINAL DIAMETER OVER ARMOR (IN)	NOMINAL CABLE DIAMETER (IN)	APPROX. NET WEIGHT (LBS/1000 FT)	APPROX. NET WEIGHT (KG PER KM)
8025	780220.00.77	14 (7W)	2	14	0.13	0.58	0.67	195	290
8025	780250.00.77	14 (7W)	3	14	0.13	0.60	0.69	226	336
8025	780280.00.77	14 (7W)	4	14	0.13	0.64	0.72	256	381
8025	794540.00.77	14 (7W)	5	14	0.13	0.68	0.76	290	432
8025	792940.00.77	14 (7W)	6	14	0.13	0.72	0.80	316	471
8025	780310.00.77	14 (7W)	7	14	0.13	0.74	0.82	338	503
8025	330090.00.77	14 (7W)	8	14	0.13	0.79	0.87	373	555
8025	792960.00.77	14 (7W)	10	14	0.13	0.88	0.96	451	671
8025	792980.00.77	14 (7W)	12	14	0.13	0.90	0.99	511	761
8025	793000.00.77	14 (7W)	15	14	0.13	0.96	1.04	586	872
8025	780290.00.77	14 (7W)	20	14	0.13	1.13	1.21	789	1174
8050	780210.00.77	12 (7W)	2	14	0.15	0.62	0.70	228	340
8050	780240.00.77	12 (7W)	3	14	0.15	0.65	0.73	254	378
8050	780320.00.77	12 (7W)	4	14	0.15	0.69	0.77	293	436
8050	312910	12 (7W)	5	14	0.15	0.73	0.81	350	521
8075	780200.00.77	10 (7W)	2	12	0.18	0.67	0.75	275	410
8075	780230.00.77	10 (7W)	3	12	0.18	0.70	0.78	327	487
8075	780270.00.77	10 (7W)	4	12	0.18	0.74	0.83	413	615

Dimensions and weights are nominal; subject to industry tolerances.

SPEC 9500

UL LISTED

Canadian Standard Association

ABS

RoHS Compliant Directive 2011/65/EU

CCW® 600 V, UL Type MC-HL

Cable design: Two or more bare stranded copper conductors insulated with XLPE, cabled with green insulated bare copper ground wire, continuously corrugated and welded (CCW) armor with overall PVC jacket

Temperature Rating: 90˚C

Conductor Size Range: 14 AWG to 10 AWG

Industry Listings or Approvals: UL Listed as 600 V Type MC-HL per UL 1569 for Class 1 Div. 1 hazardous locations • Conductors listed as XHHW-2 per UL 44 • ABS listed for CWCMC • Marine shipboard cable per UL 1309 • CSA Type HL per CSA 22.2 No. 174 • Direct burial • Meets flame testing requirements of IEEE 1202, CSA FT4, UL 1581 and IEC 60332-3 • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF CONDUCTORS	INSULATED GROUND WIRE SIZE (AWG)	NOMINAL INSULATION (MILS)	NOMINAL DIAMETER OVER ARMOR (IN)	NOMINAL JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
9500	9500.01406114	14 (7W)	6	14	30	0.62	50	0.73	267
9500	9500.01403114	14 (7W)	8	14	30	0.71	50	0.82	321
9500	9500.01411114	14 (7W)	11	14	30	0.80	50	0.91	395
9500	9500.01418114	14 (7W)	18	14	30	0.93	50	1.04	554
9500	9500.01208112	12 (7W)	8	12	30	0.80	50	0.91	426
9500	9500.01006110	10 (7W)	6	10	30	0.75	50	0.86	451
9500	9500.01008110	10 (7W)	8	10	30	0.89	50	1.00	568

Dimensions and weights are nominal; subject to industry tolerances.
Note: Standard cables with up to and including six (6) conductors are also marked CSA Type RA90. All others are special order.

Data and stock status subject to change without notice. If more comprehensive information is required on any referenced product, please refer to our full line Industrial catalog at: http://gcna.us/catalogs/IndustrialCable.

Multi-Conductor, Low-Voltage Power Cables

SPEC 4750

UL LISTED

RoHS Compliant Directive 2011/65/EU

VNTC® 600 V (PVC/Nylon/PVC), Type TC-ER

Cable design: Three or four bare stranded copper conductors insulated with PVC/nylon cabled with applicably sized bare copper ground wire with overall PVC jacket

Temperature Rating: 90˚C wet, 75˚C dry

Conductor Size Range: 12 AWG to 500 kcmil

Industry Listings or Approvals: UL Listed as 600 V Type TC-ER per UL 1277 • Conductors listed as THHN/THWN per UL 83 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Rated for exposed run in accordance with NEC guidelines • Marked direct burial and sunlight-resistant • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF CONDUCTORS	GROUND WIRE SIZE (AWG)	CONDUCTOR COLOR CODING	NOMINAL INSULATION (MILS)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
4750	234250	12 (7W)	3	14	M4	20	45	0.385	138
4750	234260	10 (7W)	3	12	M4	20	45	0.450	209
4750	236370	8 (7W)	3	10	M4	36	60	0.600	308
4750	236380	8 (7W)	4	10	M4	36	60	0.655	373
4750	226410	6 (7W)	3	8	M4	36	60	0.690	434
4750	231980	6 (7W)	4	8	M4	36	60	0.760	533
4750	236400	4 (7W)	3	8	M4	48	80	0.875	650
4750	236420	2 (7W)	3	6	M4	48	80	1.000	964
4750	236440	1/0 (19W)	3	6	M4	59	80	1.225	1447
4750	243760	2/0 (19W)	3	6	M4	59	80	1.320	1754
4750	221560	4/0 (19W)	3	4	M4	59	80	1.545	2630
4750	222490	250 (37W)	3	4	M4	70	110	1.740	3177
4750	226430	350 (37W)	3	3	M4	70	110	1.990	4263
4750	219630	500 (37W)	3	2	M4	70	110	2.270	5890

Dimensions and weights are nominal; subject to industry tolerances.

SPEC 4550

UL LISTED

RoHS Compliant Directive 2011/65/EU

CVTC® 600 V (XLPE/PVC), Type TC-ER

Cable design: Three or four bare stranded copper conductors insulated with XLPE cabled with applicably sized bare copper ground wire with overall PVC jacket

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 8 AWG to 500 kcmil

Industry Listings or Approvals: UL Listed as 600 V Type TC-ER per UL 1277 • Conductors listed as XHHW-2 per UL 44 and meet flame requirements of UL 1581 VW-1 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4, Rated for exposed run in accordance with NEC guidelines • Marked direct burial and sunlight-resistant • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF CONDUCTORS	GROUND WIRE SIZE (AWG)	CONDUCTOR COLOR CODING	NOMINAL INSULATION (MILS)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
4550	783160	8 (7W)	3	10	M4	45	60	0.640	314
4550	783190	8 (7W)	4	10	M4	45	60	0.705	385
4550	339470	6 (7W)	3	8	M4	45	60	0.720	445
4550	339480	6 (7W)	4	8	M4	45	60	0.790	558
4550	783330	4 (7W)	3	8	M4	45	60	0.825	653
4550	325610	2 (7W)	3	6	M4	45	80	1.000	964
4550	339530	1/0 (19W)	3	6	M4	55	80	1.215	1414
4550	339550	2/0 (19W)	3	6	M4	55	80	1.310	1706
4550	783230	4/0 (19W)	3	4	M4	55	80	1.540	2600
4550	222570	350 (37W)	3	3	M4	65	110	1.970	4230
4550	222710	500 (37W)	3	2	M4	65	110	2.250	5829

Dimensions and weights are nominal; subject to industry tolerances.

Multi-Conductor, Low-Voltage Power Cables

SPEC 4350

UL LISTED

RoHS Compliant Directive 2011/65/EU

FREP® 600 V (EPR/CPE), Type TC-ER

Cable design: Three or four tinned stranded copper conductors insulated with EPR cabled with applicably sized tinned copper ground wire with overall CPE jacket

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 8 AWG to 500 kcmil

Industry Listings or Approvals: UL Listed as 600 V Type TC-ER per UL 1277 • Conductors listed as XHHW-2 per UL 44 and meet flame requirements of UL 1581 VW-1 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked direct burial and sunlight-resistant • Rated for exposed run in accordance with NEC guidelines • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF CONDUCTORS	GROUND WIRE SIZE (AWG)	CONDUCTOR COLOR CODING	NOMINAL INSULATION (MILS)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
4350	279660	8 (7W)	3	10	M4	45	60	0.655	314
4350	279670	8 (7W)	4	10	M4	45	60	0.720	393
4350	283210	6 (7W)	3	8	M4	45	60	0.740	456
4350	300380	6 (7W)	4	8	M4	45	60	0.790	561
4350	283200	4 (7W)	3	8	M4	45	60	0.825	642
4350	295390	4 (7W)	4	8	M4	45	60	0.950	822
4350	293600	2 (7W)	3	6	M4	45	80	1.010	979
4350	295890	2 (7W)	4	6	M4	45	80	1.090	1235
4350	283220	1/0 (19W)	3	6	M4	55	80	1.225	1439
4350	284560	2/0 (19W)	3	6	M4	55	80	1.300	1720
4350	325110	4/0 (19W)	3	4	M4	55	80	1.540	2614
4350	300780	250 (37W)	3	4	M4	65	110	1.760	3184
4350	325120	350 (37W)	3	3	M4	65	110	1.960	4187
4350	298020	500 (37W)	3	2	M4	65	110	2.245	5847

Dimensions and weights are nominal; subject to industry tolerances.

SPEC 4100

UL LISTED

RoHS Compliant Directive 2011/65/EU

CHTC® 600 V (XLPE/XL-CPE), Type TC-ER

Cable design: Three tinned stranded copper conductors insulated with XLPE cabled with applicably sized tinned copper ground wire with overall XL-CPE jacket

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 8 AWG to 2 AWG

Industry Listings or Approvals: UL Listed as 600 V Type TC-ER per UL 1277 • Conductors listed as XHHW-2 per UL 44 and meet flame requirements of UL 1581 VW-1 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked direct burial and sunlight-resistant • Rated for exposed run in accordance with NEC guidelines • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF CONDUCTORS	GROUND WIRE SIZE (AWG)	CONDUCTOR COLOR CODING	NOMINAL INSULATION (MILS)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
4100	282580	8 (7W)	3	10	M4	45	60	0.635	325
4100	282600	6 (7W)	3	8	M4	45	60	0.720	481
4100	282620	4 (7W)	3	8	M4	45	60	0.825	667
4100	282640	2 (7W)	3	6	M4	45	80	1.000	1024

Dimensions and weights are nominal; subject to industry tolerances.

Multi-Conductor, Low-Voltage Power Cables

SPEC 4950

UL LISTED

RoHS Compliant Directive 2011/65/EU

GenFree® 600 V (XLPE/LSZH), Type TC-ER-LS

Cable design: Three or four tinned stranded copper conductors insulated with XLPE cabled with applicably sized tinned copper ground wire with overall LSZH jacket

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 6 AWG to 4/0 AWG

Industry Listings or Approvals: UL Listed as 600 V Type TC-ER-LS per UL 1277 • Conductors listed as XHHW-2 per UL 44 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked direct burial and sunlight-resistant • Rated for exposed run in accordance with NEC guidelines • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF CONDUCTORS	GROUND WIRE SIZE (AWG)	CONDUCTOR COLOR CODING	NOMINAL INSULATION (MILS)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
4950	14428.030600	6 (7W)	3	10	M4	45	60	0.740	456
4950	14428.030400	4 (7W)	3	8	M4	45	60	0.880	642
4950	14428.030200	2 (7W)	3	6	M4	45	80	1.010	979
4950	14428.035200	2/0 (19W)	3	6	M4	55	80	1.300	1720
4950	14428.035400	4/0 (19W)	3	4	M4	55	80	1.540	2614

Dimensions and weights are nominal; subject to industry tolerances.

SPEC 4560

UL LISTED

RoHS Compliant Directive 2011/65/EU

CVTC® 600 V (XLPE/PVC), VFD, Type TC-ER or 1000 V UL Flexible Motor Supply

Cable design: Three tinned stranded copper conductors insulated with black XLPE insulation, one fully sized green/yellow grounding conductor, applicable sized tinned copper ground and drain wire(s), overall combination aluminum/mylar shield and 85% tinned copper braid, overall PVC jacket

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 16 AWG to 2 AWG

Industry Listings or Approvals: UL Listed as 600 V Type TC-ER per UL 1277 • 1000 V flexible motor supply cable per UL 2227 and 1000 V WTTC • Conductors listed as RHH/RHW-2 per UL 44 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked sunlight-resistant • Rated for exposed run in accordance with NEC guidelines • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF CONDUCTORS	INSULATED GROUND WIRE SIZE (AWG)	DRAIN WIRE (NUMBER AND SIZE)	NOMINAL INSULATION (MILS)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
4560	438070	16 (26W)	3	16	1 x 16	45	45	0.535	175
4560	437080	14 (41W)	3	14	1 x 14	45	60	0.608	213
4560	437090	12 (65W)	3	12	1 x 12	45	60	0.653	285
4560	437100	10 (105W)	3	10	1 x 10	45	60	0.690	362
4560	437110	8 (133W)	3	8	4 x 14	60	80	0.931	638
4560	437120	6 (133W)	3	6	4 x 12	60	80	1.028	894
4560	427130	4 (133W)	3	4	4 x 10	60	80	1.163	1202
4560	438140	2 (133W)	3	2	4 x 8	60	80	1.310	1665

Dimensions and weights are nominal; subject to industry tolerances.

Multi-Conductor, Low-Voltage Power Cables

SPEC 4570

UL LISTED

RoHS Compliant Directive 2011/65/EU

CVTC® 600 V (XLPE/PVC), VFD, Type TC-ER or 1000 V UL Flexible Motor Supply

Cable design: Three tinned stranded copper conductors insulated with black XLPE insulation, three symmetrical bare copper ground wires, dual 2 mil copper tapes providing 100% coverage, overall PVC jacket

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 1/0 AWG to 4/0 AWG

Industry Listings or Approvals: UL Listed as 600 V Type TC-ER per UL 1277 • 1000 V flexible motor supply cable per UL 2227 and 1000 V WTTC • Conductors listed as RHH/RHW-2 per UL 44 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked sunlight-resistant • Rated for exposed run in accordance with NEC guidelines • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF CONDUCTORS	GROUND WIRE SIZE (AWG)	NOMINAL INSULATION (MILS)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
4570	438200	1/0 (273W)	3	3 x 6	55	80	1.295	2020
4570	438210	2/0 (323W)	3	3 x 4	55	80	1.408	2325
4570	438230	4/0 (551W)	3	3 x 2	55	110	1.682	3694

Dimensions and weights are nominal; subject to industry tolerances.

SPEC 4580

UL LISTED

RoHS Compliant Directive 2011/65/EU

CVTC® 2000 V (XLPE/PVC), VFD, Type TC-ER

Cable design: Three bare stranded copper conductors insulated with black XLPE insulation with 3 symmetrical bare copper ground wires, 5 mil bare copper tape with 50% overlap, overall PVC jacket

Temperature Rating: 90˚C wet, 90˚C dry

Conductor Size Range: 14 AWG to 500 kcmil

Industry Listings or Approvals: UL Listed as 2000 V Type TC-ER per UL 1277 • Conductors listed as RHH/RHW-2 per UL 44 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked direct burial and sunlight-resistant • Rated for exposed run in accordance with NEC guidelines • RoHS Compliant

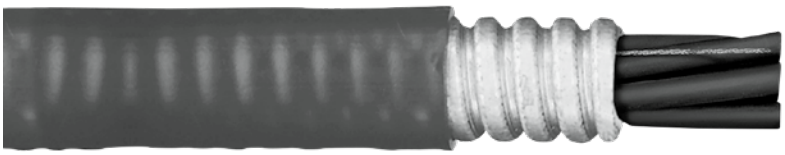
SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF CONDUCTORS	GROUND WIRE SIZE (AWG)	NOMINAL INSULATION (MILS)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
4580	395070V	14 (7W)	3	3 x 18	60	60	0.580	212
4580	395080V	12 (7W)	3	3 x 16	60	60	0.615	260
4580	395090V	10 (7W)	3	3 x 14	60	60	0.670	329
4580	395100V	8 (7W)	3	3 x 14	70	80	0.770	441
4580	395110V	6 (7W)	3	3 x 12	70	80	0.895	618
4580	395120V	4 (7W)	3	3 x 12	70	80	0.995	830
4580	395130V	2 (7W)	3	3 x 10	70	80	1.125	1152
4580	395140V	1/0 (19W)	3	3 x 6	90	80	1.385	1853
4580	395150V	2/0 (19W)	3	3 x 6	90	80	1.480	2169
4580	395170V	4/0 (19W)	3	3 x 4	90	110	1.780	3241
4580	395190V	350 (37W)	3	3 x 2	105	110	2.160	5109
4580	395200V	500 (37W)	3	3 x 1	105	110	2.455	6933

Dimensions and weights are nominal; subject to industry tolerances.

Data and stock status subject to change without notice. If more comprehensive information is required on any referenced product, please refer to our full line Industrial catalog at: http://gcna.us/catalogs/IndustrialCable.

General Cable
Phone: 888-593-3355
www.generalcable.com

Multi-Conductor, Low-Voltage Power Cables



SPEC 7100
SPEC 7150
SPEC 7160

UL LISTED

RoHS Compliant Directive 2011/65/EU

Duralox® 600 V, UL Type MC

Cable design: Three or four bare stranded copper conductors insulated with XLPE, cabled with applicably sized bare copper ground wire(s), aluminum interlocked armor with PVC jacket

Temperature Rating: 90˚C

Conductor Size Range: 8 AWG to 500 kcmil

Conductor Size Range: (cont'd.):
(Spec 7100 – 8 AWG thru 4/0 AWG; Spec 7150 – 250 kcmil thru 500 kcmil; Spec 7160 – 500 kcmil enhanced ground)

Industry Listings or Approvals: UL Listed as 600 V Type MC per UL 1569 • Conductors listed as XHHW-2 per UL 44 • Meets flame testing requirements of UL 1581 and IEEE 1202/CSA FT4 • Marked sunlight-resistant, direct burial and for CT use • RoHS Compliant

CATALOG NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NUMBER OF CONDUCTORS	GROUND WIRE SIZE (AWG)	CONDUCTOR COLOR CODING	NOMINAL INSULATION (MILS)	DIAMETER OVER ARMOR (IN)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
7100	**346630**	8 (7W)	3	10	M4	45	0.74	50	0.84	420
7100	**11298.030600**	6 (7W)	3	8	M4	45	0.79	50	0.90	546
7100	**11298.030400**	4 (7W)	3	8	M4	45	0.89	50	1.00	736
7100	**11298.030200**	2 (7W)	3	6	M4	45	1.00	50	1.11	1028
7100	**11298.035100**	1/0 (19W)	3	6	M4	55	1.20	50	1.23	1490
7100	**11298.035200**	2/0 (19W)	3	6	M4	55	1.29	50	1.31	1775
7100	**11298.035300**	3/0 (19W)	3	4	M4	55	1.39	50	1.40	2071
7100	**11298.035400**	4/0 (19W)	3	4	M4	55	1.50	60	1.50	2619
7150	**11298.036000**	250 (37W)	3	4	M4	65	1.72	60	1.63	3180
7150	**11298.036200**	350 (37W)	3	3	M4	65	1.92	60	1.85	4329
7150	**11298.046200**	350 (37W)	4	3	M4	65	2.12	60	2.05	5457
7150	**11298.036500**	500 (37W)	3	2	M4	65	2.18	60	2.31	5821
7150	**11298.046500**	500 (37W)	4	2	M4	65	2.41	60	2.57	7853
7160	**11298.516500**	500 (37W)	3	3 x 1	M4	65	2.18	60	2.31	6399

Dimensions and weights are nominal; subject to industry tolerances.

Multi-Conductor, Low-Voltage Power Cables

SPEC 8100

Canadian Standard Association

RoHS Compliant Directive 2011/65/EU

TECK90 (1/C) 1000 V, CSA, Type HL

Cable design: One stranded bare copper conductor insulated with XLPE with applicably sized helically applied bonding (ground) wires, inner PVC jacket, aluminum interlocked armor with overall PVC jacket

Temperature Rating: 90˚C

Conductor Size Range: 250 kcmil to 750 kcmil

Industry Listings or Approvals: TECK90 per CSA Standard C22.2 No. 131 and 174 • CSA HL rating for installation in hazardous locations per CEC • Marked direct burial and sunlight-resistant • Meets -40˚C CSA cold impact requirements and flame testing requirement of CSA FT1/FT4 and IEEE 1202 • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	COND. SIZE (STRAND.)	NUMBER OF COND.	GROUND WIRE SIZE (AWG)	NOMINAL INSULATION THICKNESS (MILS)	NOMINAL DIAMETER OVER INSULATION (MILS)	NOMINAL DIAMETER OVER ARMOR (INCHES)	NOMINAL DIAMETER OVER JACKET (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)	APPROX. NET WEIGHT (KG PER KM)
8100	11288.016000	250 (37W)	1	2	90	0.75	1.21	1.29	1490	2210
8100	11288.016200	350 (37W)	1	1	90	0.86	1.30	1.39	1910	2840
8100	11288.016500	500 (37W)	1	1/0	90	0.99	1.42	1.51	2510	3740
8100	11288.891327	750 (61W)	1	2/0	90	1.16	1.59	1.69	3510	5230

Dimensions and weights are nominal; subject to industry tolerances.

SPEC 8150

Canadian Standard Association

RoHS Compliant Directive 2011/65/EU

TECK90 (3/C) 1000 V, CSA, Type HL

Cable design: Three stranded bare copper conductors insulated with XLPE, cabled with an applicably sized bare copper ground wire, inner PVC jacket, aluminum interlocked armor with overall PVC jacket

Temperature Rating: 90˚C

Conductor Size Range: 12 AWG to 750 kcmil

Industry Listings or Approvals: TECK90 per CSA Standard C22.2 No. 131 and 174 • CSA HL rating for installation in hazardous locations per CEC • Marked direct burial and sunlight-resistant • Meets -40˚C CSA cold impact requirements and flame testing requirement of CSA FT1/FT4 and IEEE 1202 • RoHS Compliant

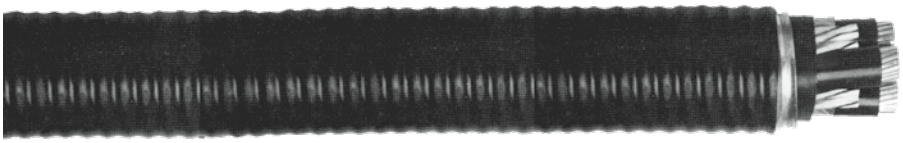
SPEC NUMBER	CATALOG NUMBER	COND. SIZE (STRAND.)	NUMBER OF COND.	GROUND WIRE SIZE (AWG)	NOMINAL INSULATION THICKNESS (MILS)	NOMINAL DIAMETER OVER INSULATION (MILS)	NOMINAL DIAMETER OVER ARMOR (INCHES)	NOMINAL DIAMETER OVER JACKET (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)	APPROX. NET WEIGHT (KG PER KM)
8150	780260	12 (7W)	3	14	45	0.18	0.72	0.80	299	445
8150	331120	10 (7W)	3	12	45	0.21	0.79	0.88	374	557
8150	793200	8 (7W)	3	10	45	0.24	0.86	0.94	486	723
8150	11288.010600	6 (7W)	3	8	60	0.31	1.03	1.13	724	1078
8150	11288.010400	4 (7W)	3	8	60	0.35	1.16	1.25	970	1444
8150	11288.010300	3 (7W)	3	6	60	0.38	1.22	1.30	1136	1691
8150	11288.010200	2 (7W)	3	6	60	0.42	1.28	1.37	1311	1951
8150	11288.010100	1 (19W)	3	6	80	0.49	1.44	1.54	1593	2371
8150	11288.015100	1/0 (19W)	3	6	80	0.53	1.56	1.68	1906	2837
8150	11288.015200	2/0 (19W)	3	6	80	0.58	1.65	1.77	2225	3311
8150	11288.015300	3/0 (19W)	3	4	80	0.63	1.75	1.87	2666	3976
8150	11288.015400	4/0 (19W)	3	4	80	0.69	1.86	1.98	3207	4772
8150	11288.016000	250 (37W)	3	4	90	0.75	2.05	2.17	3800	5655
8150	11288.016200	350 (37W)	3	3	90	0.86	2.26	2.40	04979	7409
8150	11288.016500	500 (37W)	3	3	90	0.99	2.52	2.66	6586	9798
8150	11288.891327	750 (61W)	3	2	90	1.16	2.89	3.03	9267	13790

Dimensions and weights are nominal; subject to industry tolerances.

Data and stock status subject to change without notice. If more comprehensive information is required on any referenced product, please refer to our full line Industrial catalog at: http://gcna.us/catalogs/IndustrialCable.

Multi-Conductor, Low-Voltage Power Cables

SPEC 8175



Canadian Standard Association

RoHS Compliant Directive 2011/65/EU

TECK90 (4/C) 1000 V, CSA, Type HL

Cable design: Four stranded bare copper conductors insulated with XLPE, cabled with an applicably sized bare copper ground wire, inner PVC jacket, aluminum interlocked armor with overall PVC jacket

Temperature Rating: 90˚C

Conductor Size Range: 8 AWG to 750 kcmil

Industry Listings or Approvals: TECK90 per CSA Standard C22.2 No. 131 and 174 • CSA HL rating for installation in hazardous locations per CEC • Marked direct burial and sunlight-resistant • Meets -40˚C CSA cold impact requirements and flame testing requirement of CSA FT1/FT4 and IEEE 1202 • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	COND. SIZE (STRANDING)	NUMBER OF COND.	GROUND WIRE SIZE (AWG)	NOMINAL INSULATION THICKNESS (MILS)	NOMINAL DIAMETER OVER INSULATION (MILS)	NOMINAL DIAMETER OVER ARMOR (INCHES)	NOMINAL DIAMETER OVER JACKET (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)	APPROX. NET WEIGHT (KG PER KM)
8175	**331250**	8 (7W)	4	10	45	0.24	0.92	1.00	548	816
8175	**11288.030600**	6 (7W)	4	8	60	0.31	1.15	1.25	907	1350
8175	**11288.020400**	4 (7W)	4	8	60	0.35	1.26	1.35	1168	1738
8175	**11288.020300**	3 (7W)	4	6	60	0.38	1.31	1.40	1373	2043
8175	**11288.020200**	2 (7W)	4	6	60	0.42	1.37	1.46	1583	2356
8175	**11288.040100**	1 (19W)	4	6	80	0.49	1.60	1.72	2032	3024
8175	**11288.025100**	1/0 (19W)	4	6	80	0.53	1.69	1.81	2365	3520
8175	**11288.025200**	2/0 (19W)	4	6	80	0.58	1.79	1.91	2745	4085
8175	**11288.025300**	3/0 (19W)	4	4	80	0.63	1.91	2.03	3398	5057
8175	**11288.045400**	4/0 (19W)	4	4	80	0.69	2.09	2.21	4170	6205
8175	**11288.046000**	250 (37W)	4	4	90	0.75	2.23	2.35	4789	7126
8175	**11288.026200**	350 (37W)	4	3	90	0.86	2.46	2.60	6307	9385
8175	**11288.036500**	500 (37W)	4	3	90	0.99	2.76	2.90	8438	12556
8175	**11288.057000**	750 (61W)	4	2	90	1.16	3.24	3.42	12411	18468

Dimensions and weights are nominal; subject to industry tolerances.

Multi-Conductor, Low-Voltage Power Cables

SPEC 9600

CCW® 600 V, UL Type MC-HL, CSA Type HL

Cable design: Three or four bare stranded copper conductors insulated with XLPE, cabled with applicably sized bare copper grounding conductors, continuously corrugated and welded (CCW) armor with overall PVC jacket

Temperature Rating: 90˚C

Conductor Size Range: 14 AWG to 500 kcmil

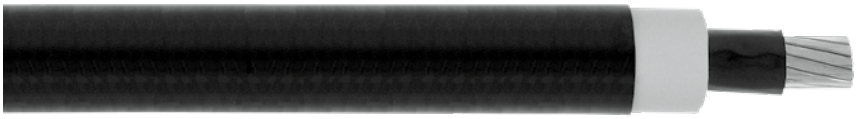
Industry Listings or Approvals: UL Listed as 600 V Type MC-HL per UL 1569 for Class 1 Div. 1 hazardous locations • Conductors listed as XHHW-2 per UL 44 • ABS listed for CWCMC • Marine shipboard cable per UL 1309 • CSA Type HL per CSA 22.2 No. 174 • Direct burial • Meets flame testing requirements of IEEE 1202, CSA FT4, UL 1581 and IEC 60332-3 • Suitable for VFD installations • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	COND. SIZE (STRANDING)	NUMBER OF COND.	GROUND WIRE SIZE (AWG)	NOMINAL DIAMETER OVER CONDUCTORS (INCHES)	NOMINAL DIAMETER OVER ARMOR (INCHES)	NOMINAL JACKET THICKNESS (MILS)	APPROX. O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
9600	9600.01403318	14 (7W)	3	3 x 18	0.33	0.53	50	0.64	163
9600	9600.01203316	12 (7W)	3	3 x 16	0.37	0.58	50	0.69	243
9600	9600.01003314	10 (7W)	3	3 x 14	0.41	0.62	50	0.73	305
9600	9600.01004314	10 (7W)	4	3 x 14	0.45	0.67	50	0.78	354
9600	9600.00803314	8 (7W)	3	3 x 14	0.50	0.71	50	0.81	392
9600	9600.00603112	6 (7W)	3	3 x 12	0.58	0.80	50	0.90	534
9600	9600.00403312	4 (7W)	3	3 x 12	0.68	0.89	50	0.99	716
9600	9600.00203310	2 (7W)	3	3 x 10	0.80	1.02	50	1.13	1013
9600	9600.11003310	1/0 (19W)	3	3 x 10	1.00	1.24	50	1.34	1496
9600	9600.21003310	2/0 (19W)	3	3 x 10	1.09	1.34	50	1.44	1801
9600	9600.31003308	3/0 (19W)	3	3 x 8	1.21	1.47	60	1.58	2262
9600	9600.41003308	4/0 (19W)	3	3 x 8	1.33	1.60	60	1.73	2722
9600	9600.25003308	250 (37W)	3	3 x 8	1.48	1.74	60	1.87	3195
9600	9600.35003307	350 (37W)	3	3 x 7	1.66	1.96	60	2.09	4284
9600	9600.50003306	500 (37W)	3	3 x 6	1.94	2.28	75	2.44	6035

Dimensions and weights are nominal; subject to industry tolerances.
Note: Three (3) conductors, 6 AWG and smaller are also marked CSA Type RA90. One (1) AWG and larger are also marked CSA Type RA90.

Single Conductor, Medium-Voltage Cables

SPEC 6050



UL LISTED

RoHS Compliant Directive 2011/65/EU

DuraSheath® High Speed 2.4 kV, UL Type MV-90

Cable design: One compact bare stranded copper conductor, extruded semi-conducting conductor shield, EPR insulation, overall XL-CPE jacket

Temperature Rating: 90˚C

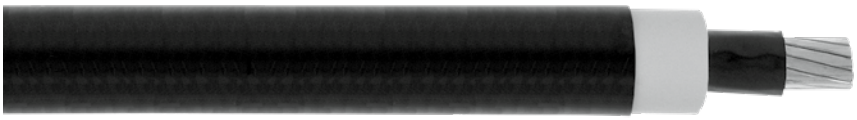
Conductor Size Range: 6 AWG to 750 kcmil

Industry Listings or Approvals: UL Listed as Type MV-90 per UL 1072 • Meets flame testing requirements of IEEE 1202/CSA FT4 • Sizes 1/0 AWG and larger are marked for CT use • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	NOMINAL O.D. OVER INSULATION (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
6050	14901.410605	6 (7W)	125	0.44	80	0.62	241
6050	14901.410405	4 (7W)	125	0.49	80	0.66	308
6050	14901.410205	2 (7W)	125	0.55	80	0.72	408
6050	14901.415105	1/0 (19W)	125	0.62	80	0.79	562
6050	14901.415205	2/0 (19W)	125	0.66	80	0.84	666
6050	14901.415405	4/0 (19W)	125	0.76	95	0.97	983
6050	14901.416005	250 (37W)	140	0.84	110	1.08	1183
6050	14901.416205	350 (37W)	140	0.93	110	1.17	1545
6050	14901.416500	500 (37W)	140	1.06	110	1.30	2077
6050	14901.417005	750 (61W)	155	1.26	125	1.54	3040

Dimensions and weights are nominal; subject to industry tolerances.

SPEC 6155



UL LISTED

RoHS Compliant Directive 2011/65/EU

Uniblend® PVC High Speed 5 kV 133%/8 kV 100% Insulation Levels, UL Type MV-105

Cable design: One compact bare stranded copper conductor, extruded semi-conducting conductor shield, lead free EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, overall low friction PVC jacket

Temperature Rating: 105˚C

Conductor Size Range: 6 AWG to 1000 kcmil

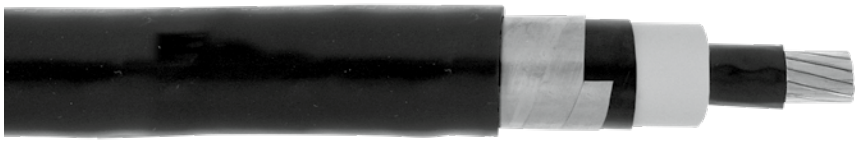
Industry Listings or Approvals: UL Listed as Type MV-105 per UL 1072 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked sunlight-resistant • Sizes 1/0 AWG and larger are marked for CT use • Suitable for direct burial when installed with an applicably sized ground wire in close proximity in accordance with the National Electrical Code • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	MINIMUM O.D. OVER INSULATION (INCHES)	MAXIMUM O.D. OVER INSULATION (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
6155	17001.120605	6 (7W)	115	0.42	0.49	60	0.65	295
6155	17001.120405	4 (7W)	115	0.46	0.54	60	0.70	365
6155	17001.120205	2 (7W)	115	0.51	0.59	60	0.76	471
6155	17001.135105	1/0 (19W)	115	0.58	0.66	60	0.82	623
6155	17001.135205	2/0 (19W)	115	0.62	0.70	60	0.86	728
6155	17001.135405	4/0 (19W)	115	0.72	0.80	80	1.00	1053
6155	17001.136005	250 (37W)	115	0.77	0.85	80	1.05	1199
6155	17001.136205	350 (37W)	115	0.87	0.95	80	1.14	1559
6155	17001.136505	500 (37W)	115	0.99	1.07	80	1.27	2088
6155	17001.137005	750 (61W)	115	1.17	1.25	80	1.45	2962
6155	17001.637005	1000 (61W)	115	1.32	1.40	80	1.60	3815

Dimensions and weights are nominal; subject to industry tolerances.
Note: a) Sizes smaller than 1/0 AWG do not include "FOR CT USE".
b) The NESC Lightning bolt symbol is on all Uniblend® constructions.

Single Conductor, Medium-Voltage Cables

SPEC 6175



LISTED

RoHS Compliant Directive 2011/65/EU

Uniblend® CPE High Speed 5 kV 133%/8 kV 100% Insulation Levels, UL Type MV-105

Cable design: One compact bare stranded copper conductor, extruded semi-conducting conductor shield, lead free EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, overall low friction CPE jacket

Temperature Rating: 105˚C

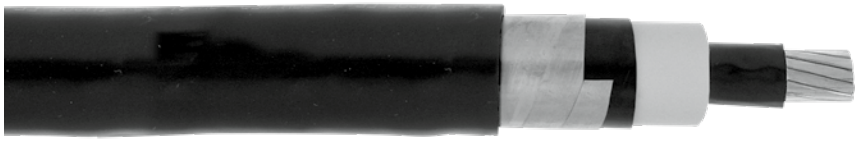
Conductor Size Range: 6 AWG to 1000 kcmil

Industry Listings or Approvals: UL Listed as Type MV-105 per UL 1072 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked sunlight-resistant • Sizes 1/0 AWG and larger are marked for CT use • Suitable for direct burial when installed with an applicably sized ground wire in close proximity in accordance with the National Electrical Code • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	MINIMUM O.D. OVER INSULATION (INCHES)	MAXIMUM O.D. OVER INSULATION (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
6175	17101.120605	6 (7W)	115	0.42	0.49	60	0.65	293
6175	17101.120405	4 (7W)	115	0.46	0.54	60	0.70	363
6175	17101.120205	2 (7W)	115	0.51	0.59	60	0.76	469
6175	17101.125105	1/0 (19W)	115	0.58	0.66	60	0.82	621
6175	17101.125205	2/0 (19W)	115	0.62	0.70	60	0.86	726
6175	17101.135405	4/0 (19W)	115	0.72	0.80	80	1.00	1049
6175	17101.136005	250 (37W)	115	0.77	0.85	80	1.05	1195
6175	17101.136205	350 (37W)	115	0.87	0.95	80	1.14	1555
6175	17101.136505	500 (37W)	115	0.99	1.07	80	1.27	2083
6175	17101.137005	750 (61W)	115	1.17	1.25	80	1.45	2981
6175	17101.637505	1000 (61W)	115	1.32	1.40	80	1.60	3808

Dimensions and weights are nominal; subject to industry tolerances.
Note: a) Sizes smaller than 1/0 AWG do not include "FOR CT USE".
b) The NESC Lightning bolt symbol is on all Uniblend® constructions.

SPEC 6180



LISTED

RoHS Compliant Directive 2011/65/EU

GenFree® Uniblend® LSZH High Speed 5 kV 133%/8 kV 100% Ins. Levels, UL Type MV-105 ST1

Cable design: One compact bare stranded copper conductor, extruded semi-conducting conductor shield, lead free EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, overall low friction LSZH jacket

Temperature Rating: 105˚C

Conductor Size Range: 2 AWG to 750 kcmil

Industry Listings or Approvals: UL Listed as Type MV-105 ST1 per UL 1072 • Meets flame and smoke testing requirements of UL 1685 and flame testing requirements of IEEE 1202/CSA FT4 • Marked sunlight-resistant • Sizes 1/0 AWG and larger are marked for CT use • Suitable for direct burial when installed with an applicably sized ground wire in close proximity in accordance with the National Electrical Code • RoHS Compliant • High Speed low friction technology for easy cable pulling

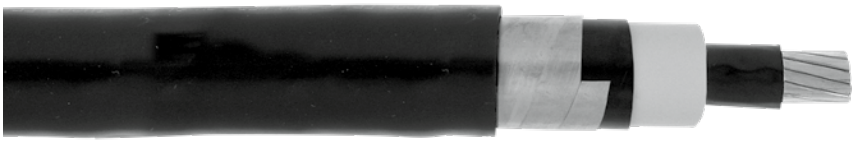
SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	MINIMUM O.D. OVER INSULATION (INCHES)	MAXIMUM O.D. OVER INSULATION (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
6180	17201.120205	2 (7W)	115	0.51	0.59	60	0.76	471
6180	17201.125105	1/0 (19W)	115	0.58	0.66	60	0.82	623
6180	17201.125205	2/0 (19W)	115	0.62	0.70	60	0.86	728
6180	17201.135405	4/0 (19W)	115	0.72	0.80	80	1.00	1053
6180	17201.136205	350 (37W)	115	0.87	0.95	80	1.14	1559
6180	17201.136505	500 (37W)	115	0.99	1.07	80	1.27	2088
6180	17201.137005	750 (61W)	115	1.17	1.25	80	1.45	2962

Dimensions and weights are nominal; subject to industry tolerances.
Note: a) Sizes smaller than 1/0 AWG do not include "FOR CT USE".
b) The NESC Lightning bolt symbol is on all Uniblend® constructions.

Data and stock status subject to change without notice. If more comprehensive information is required on any referenced product, please refer to our full line Industrial catalog at: http://gcna.us/catalogs/IndustrialCable.

Single Conductor, Medium-Voltage Cables

SPEC 6355



Uniblend® PVC High Speed 15 kV, 133% Insulation Level, UL Type MV-105

Cable design: One compact bare stranded copper conductor, extruded semi-conducting conductor shield, lead free EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, overall low friction PVC jacket

Temperature Rating: 105˚C

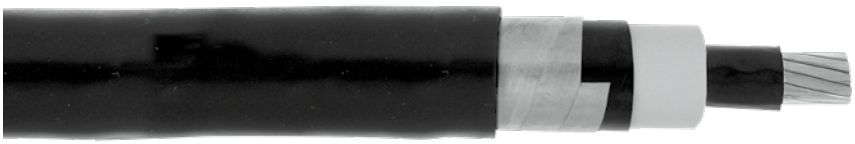
Conductor Size Range: 2 AWG to 1000 kcmil

Industry Listings or Approvals: UL Listed as Type MV-105 per UL 1072 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked sunlight-resistant • Sizes 1/0 AWG and larger are marked for CT use • Suitable for direct burial when installed with an applicably sized ground wire in close proximity in accordance with the National Electrical Code • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	MINIMUM O.D. OVER INSULATION (INCHES)	MAXIMUM O.D. OVER INSULATION (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
6355	17031.130205	2 (7W)	220	0.71	0.80	80	0.99	658
6355	17031.135105	1/0 (19W)	220	0.78	0.87	80	1.06	825
6355	17031.135205	2/0 (19W)	220	0.82	0.91	80	1.10	938
6355	17031.135405	4/0 (19W)	220	0.92	1.01	80	1.21	1261
6355	17031.136005	250 (37W)	220	0.97	1.06	80	1.25	1407
6355	17031.136205	350 (37W)	220	1.07	1.16	80	1.35	1783
6355	17031.136505	500 (37W)	220	1.19	1.28	80	1.47	2331
6355	17031.137005	750 (61W)	220	1.37	1.46	80	1.65	3234
6355	17031.137505	1000 (61W)	220	1.52	1.61	110	1.86	4219

Dimensions and weights are nominal; subject to industry tolerances.
Note: a) Sizes smaller than 1/0 AWG do not include "FOR CT USE".
b) The NESC Lightning bolt symbol is on all Uniblend® constructions.

SPEC 6360



Aluminum Uniblend® PVC High Speed 15 kV, 133% Insulation Level, UL Type MV-105

Cable design: One compact bare stranded aluminum conductor, extruded semi-conducting conductor shield, lead free EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, overall low friction PVC jacket

Temperature Rating: 105˚C

Conductor Size Range: 1/0 AWG to 1000 kcmil

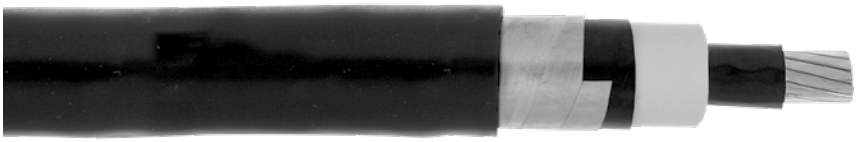
Industry Listings or Approvals: UL Listed as Type MV-105 per UL 1072 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked sunlight-resistant • Sizes 1/0 AWG and larger are marked for CT use • Suitable for direct burial when installed with an applicably sized ground wire in close proximity in accordance with the National Electrical Code • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	MINIMUM O.D. OVER INSULATION (INCHES)	MAXIMUM O.D. OVER INSULATION (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
6360	17031.135108T	1/0 (19W)	220	0.78	0.87	80	1.06	598
6360	17031.135408T	4/0 (19W)	220	0.92	1.01	80	1.21	807
6360	17031.136208T	350 (37W)	220	1.07	1.16	80	1.35	1031
6360	17031.136508T	500 (37W)	220	1.19	1.28	80	1.47	1255
6360	17031.137008T	750 (61W)	220	1.37	1.46	80	1.65	1621
6360	17031.137508T	1000 (61W)	220	1.52	1.61	110	1.86	2068

Dimensions and weights are nominal; subject to industry tolerances.
Note: a) Sizes smaller than 1/0 AWG do not include "FOR CT USE".
b) The NESC Lightning bolt symbol is on all Uniblend® constructions.

Single Conductor, Medium-Voltage Cables

SPEC 6375



UL LISTED

RoHS Compliant Directive 2011/65/EU

Uniblend® CPE High Speed 15 kV, 133% Insulation Level, UL Type MV-105

Cable design: One compact bare stranded copper conductor, extruded semi-conducting conductor shield, lead free EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, overall low friction CPE jacket

Temperature Rating: 105˚C

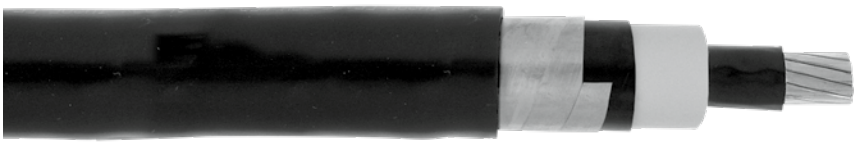
Conductor Size Range: 2 AWG to 1000 kcmil

Industry Listings or Approvals: UL Listed as Type MV-105 per UL 1072 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked sunlight-resistant • Sizes 1/0 AWG and larger are marked for CT use • Suitable for direct burial when installed with an applicably sized ground wire in close proximity in accordance with the National Electrical Code • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	MINIMUM O.D. OVER INSULATION (INCHES)	MAXIMUM O.D. OVER INSULATION (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
6375	17131.130205	2 (7W)	220	0.71	0.80	80	0.99	655
6375	17131.135105	1/0 (19W)	220	0.78	0.87	80	1.06	820
6375	17131.135205	2/0 (19W)	220	0.82	0.91	80	1.10	933
6375	17131.135405	4/0 (19W)	220	0.92	1.01	80	1.21	1248
6375	17131.136005	250 (37W)	220	0.97	1.06	80	1.25	1402
6375	17131.136205	350 (37W)	220	1.07	1.16	80	1.35	1778
6375	17131.136505	500 (37W)	220	1.19	1.28	80	1.47	2325
6375	17131.137005	750 (61W)	220	1.37	1.46	80	1.65	3250
6375	17131.637505	1000 (61W)	220	1.52	1.61	110	1.86	4209

Dimensions and weights are nominal; subject to industry tolerances.
Note: a) Sizes smaller than 1/0 AWG do not include "FOR CT USE".
b) The NESC Lightning bolt symbol is on all Uniblend® constructions.

SPEC 6380



UL LISTED

RoHS Compliant Directive 2011/65/EU

GenFree® Uniblend® LSZH High Speed 15 kV, 133% Insulation Level, UL Type MV-105 ST1

Cable design: One compact bare stranded copper conductor, extruded semi-conducting conductor shield, lead free EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, overall low friction LSZH jacket

Temperature Rating: 105˚C

Conductor Size Range: 2 AWG to 750 kcmil

Industry Listings or Approvals: UL Listed as Type MV-105 ST1 per UL 1072 • Meets flame and smoke testing requirements of UL 1685 and flame testing requirements of IEEE 1202/CSA FT4 • Marked sunlight-resistant • Sizes 1/0 AWG and larger are marked for CT use • Suitable for direct burial when installed with an applicably sized ground wire in close proximity in accordance with the National Electrical Code • RoHS Compliant • High Speed low friction technology for easy cable pulling

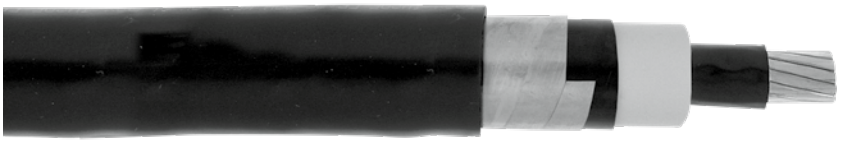
SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	MINIMUM O.D. OVER INSULATION (INCHES)	MAXIMUM O.D. OVER INSULATION (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX NET WEIGHT (LBS/1000 FT)
6380	17231.130205	2 (7W)	220	0.71	0.80	80	0.99	658
6380	17231.135105	1/0 (19W)	220	0.78	0.87	80	1.06	825
6380	17231.135205	2/0 (19W)	220	0.82	0.91	80	1.10	938
6380	17231.135405	4/0 (19W)	220	0.92	1.01	80	1.21	1261
6380	17231.136205	350 (37W)	220	1.07	1.16	80	1.35	1783
6380	17231.136505	500 (37W)	220	1.19	1.28	80	1.47	2331
6380	17231.137005	750 (61W)	220	1.37	1.46	80	1.65	3234

Dimensions and weights are nominal; subject to industry tolerances.
Note: a) Sizes smaller than 1/0 AWG do not include "FOR CT USE".
b) The NESC Lightning bolt symbol is on all Uniblend® constructions.

Data and stock status subject to change without notice. If more comprehensive information is required on any referenced product, please refer to our full line Industrial catalog at: http://gcna.us/catalogs/IndustrialCable.

Single Conductor, Medium-Voltage Cables

SPEC 6555



Uniblend® PVC High Speed 25 kV 133%/35 kV 100% Insulation Levels, UL Type MV-105

Cable design: One compact bare stranded copper conductor, extruded semi-conducting conductor shield, lead free EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, overall low friction PVC jacket

Temperature Rating: 105˚C

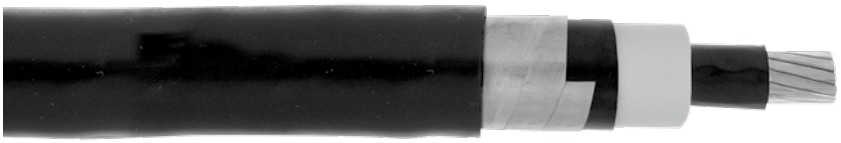
Conductor Size Range: 1/0 AWG to 750 kcmil

Industry Listings or Approvals: UL Listed as Type MV-105 per UL 1072 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked sunlight-resistant • Sizes 1/0 AWG and larger are marked for CT use • Suitable for direct burial when installed with an applicably sized ground wire in close proximity in accordance with the National Electrical Code • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	MINIMUM O.D. OVER INSULATION (INCHES)	MAXIMUM O.D. OVER INSULATION (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
6555	17061.135105	1/0 (19W)	345	1.02	1.12	80	1.31	1090
6555	17061.135405	4/0 (19W)	345	1.16	1.26	80	1.45	1547
6555	17061.136205	350 (37W)	345	1.31	1.41	80	1.60	2108
6555	17061.136505	500 (37W)	345	1.43	1.53	80	1.72	2650
6555	17061.137005	750 (61W)	345	1.61	1.71	110	1.96	3733

Dimensions and weights are nominal; subject to industry tolerances.
Note: a) Sizes smaller than 1/0 AWG do not include "FOR CT USE".
b) The NESC Lightning bolt symbol is on all Uniblend® constructions.

SPEC 6575



Uniblend® CPE High Speed 25 kV 133%/35 kV 100% Insulation Levels, UL Type MV-105

Cable design: One compact bare stranded copper conductor, extruded semi-conducting conductor shield, lead free EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, overall low friction CPE jacket

Temperature Rating: 105˚C

Conductor Size Range: 1/0 AWG to 750 kcmil

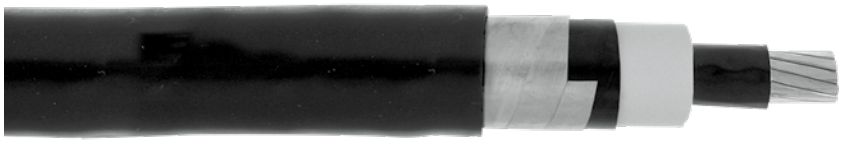
Industry Listings or Approvals: UL Listed as Type MV-105 per UL 1072 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked sunlight-resistant • Sizes 1/0 AWG and larger are marked for CT use • Suitable for direct burial when installed with an applicably sized ground wire in close proximity in accordance with the National Electrical Code • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	MINIMUM O.D. OVER INSULATION (INCHES)	MAXIMUM O.D. OVER INSULATION (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
6575	17161.135105	1/0 (19W)	345	1.02	1.12	80	1.31	1066
6575	17161.135405	4/0 (19W)	345	1.16	1.26	80	1.45	1516
6575	17161.136205	350 (37W)	345	1.31	1.41	80	1.60	2075
6575	17161.136505	500 (37W)	345	1.43	1.53	80	1.72	2650
6575	17061.137005	750 (61W)	345	1.61	1.71	110	1.96	3687

Dimensions and weights are nominal; subject to industry tolerances.
Note: a) Sizes smaller than 1/0 AWG do not include "FOR CT USE".
b) The NESC Lightning bolt symbol is on all Uniblend® constructions.

Single Conductor, Medium-Voltage Cables

SPEC 6560



UL LISTED

RoHS Compliant Directive 2011/65/EU

Aluminum Uniblend® PVC High Speed 25 kV 133%/35 kV 100% Ins. Levels, UL Type MV-105

Cable design: One compact bare stranded aluminum conductor, extruded semi-conducting conductor shield, lead free EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, overall low friction PVC jacket

Temperature Rating: 105˚C

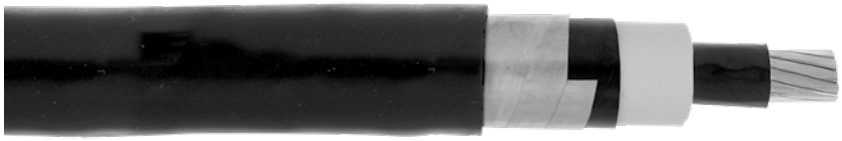
Conductor Size Range: 4/0 AWG to 1000 kcmil

Industry Listings or Approvals: UL Listed as Type MV-105 per UL 1072 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked sunlight-resistant • Sizes 1/0 AWG and larger are marked for CT use • Suitable for direct burial when installed with an applicably sized ground wire in close proximity in accordance with the National Electrical Code • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	MINIMUM O.D. OVER INSULATION (INCHES)	MAXIMUM O.D. OVER INSULATION (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
6560	17061.135408T	4/0 (19W)	345	1.16	1.26	80	1.45	1093
6560	17061.136208T	350 (37W)	345	1.31	1.41	80	1.60	1356
6560	17061.136508T	500 (37W)	345	1.43	1.53	80	1.72	1707
6560	17061.137008T	750 (61W)	345	1.61	1.71	110	1.96	2120
6560	17061.137508T	1000 (61W)	345	1.76	1.87	110	2.10	2500

Dimensions and weights are nominal; subject to industry tolerances.
Note: a) Sizes smaller than 1/0 AWG do not include "FOR CT USE".
b) The NESC Lightning bolt symbol is on all Uniblend® constructions.

SPEC 6655



UL LISTED

RoHS Compliant Directive 2011/65/EU

Uniblend® PVC High Speed 35 kV, 133% Ins. Level, UL Type MV-105

Cable design: One compact bare stranded copper conductor, extruded semi-conducting conductor shield, Lead Free EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, overall low friction PVC jacket

Temperature Rating: 105˚C

Conductor Size Range: 4/0 AWG to 750 kcmil

Industry Listings or Approvals: UL Listed as Type MV-105 per UL 1072 • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked sunlight-resistant • Sizes 1/0 AWG and larger are marked for CT use • Suitable for direct burial when installed with an applicably sized ground wire in close proximity in accordance with the National Electrical Code • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	MINIMUM O.D. OVER INSULATION (INCHES)	MAXIMUM O.D. OVER INSULATION (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
6655	17071.135405	4/0 (19W)	420	1.30	1.41	80	1.59	1716
6655	17071.136205	350 (37W)	420	1.45	1.56	110	1.79	2396
6655	17071.136505	500 (37W)	420	1.57	1.68	110	1.91	2986
6655	17071.137005	750 (61W)	420	1.75	1.86	110	2.09	3954

Dimensions and weights are nominal; subject to industry tolerances.
Note: a) Sizes smaller than 1/0 AWG do not include "FOR CT USE".
b) The NESC Lightning bolt symbol is on all Uniblend® constructions.

General Cable
Phone: 888-593-3355
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Multi-Conductor, Medium-Voltage Cables

SPEC 6255

UL LISTED

RoHS Compliant Directive 2011/65/EU

Uniblend® PVC High Speed 3/C 5 kV 133%/8 kV 100% Insulation Levels, UL Type MV-105

Cable design: Three compact bare stranded copper conductors, extruded semi-conducting conductor shield, lead free EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, cabled with applicably sized bare copper ground wire, overall low friction PVC jacket

Temperature Rating: 105˚C

Conductor Size Range: 6 AWG to 500 kcmil

Industry Listings or Approvals: UL Listed as Type MV-105 per UL 1072 standard • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked for direct burial, sunlight-resistant and for CT use • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	COND. SIZE (STRANDING)	NOMINAL INSULATION (MILS)	MINIMUM NOMINAL O.D. OVER INSULATION (INCHES)	MAXIMUM NOMINAL O.D. OVER INSULATION (INCHES)	GROUND WIRE SIZE (AWG)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
6255	15493.400605	6 (7W)	115	0.41	0.49	6	80	1.29	939
6255	15493.400405	4 (7W)	115	0.46	0.54	6	80	1.39	1158
6255	15493.402005	2 (7W)	115	0.51	0.59	6	80	1.51	1511
6255	15493.405105	1/0 (19W)	115	0.58	0.66	4	80	1.67	2030
6255	15493.405205	2/0 (19W)	115	0.62	0.70	4	80	1.82	2449
6255	15493.405405	4/0 (19W)	115	0.72	0.80	3	110	2.07	3438
6255	15493.406205	350 (37W)	115	0.87	0.95	2	110	2.36	5009
6255	15493.406505	500 (37W)	115	0.99	1.07	1	110	2.64	6793

Dimensions and weights are nominal; subject to industry tolerances.
Note: a) All sizes are "FOR CT USE".
b) The NESC Lightning bolt symbol is on all Uniblend® constructions.

SPEC 6455

UL LISTED

RoHS Compliant Directive 2011/65/EU

Uniblend® PVC High Speed 3/C 15 kV, 133% Insulation Level, UL Type MV-105

Cable design: Three compact bare stranded copper conductors, extruded semi-conducting conductor shield, lead free EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, cabled with applicably sized bare copper ground wire, overall low friction PVC jacket

Temperature Rating: 105˚C

Conductor Size Range: 2 AWG to 500 kcmil

Industry Listings or Approvals: UL Listed as Type MV-105 per UL 1072 standard • Meets flame testing requirements of UL 1685 and IEEE 1202/CSA FT4 • Marked for direct burial, sunlight-resistant and for CT use • RoHS Compliant • High Speed low friction technology for easy cable pulling

SPEC NUMBER	CATALOG NUMBER	COND. SIZE (STRANDING)	NOMINAL INSULATION (MILS)	MINIMUM NOMINAL O.D. OVER INSULATION (INCHES)	MAXIMUM NOMINAL O.D. OVER INSULATION (INCHES)	GROUND WIRE SIZE (AWG)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
6455	15493.440205	2 (7W)	220	0.71	0.80	6	110	2.04	2226
6455	15493.445105	1/0 (19W)	220	0.78	0.87	4	110	2.20	2711
6455	15493.445205	2/0 (19W)	220	0.82	0.91	4	110	2.30	3163
6455	15493.445405	4/0 (19W)	220	0.92	1.01	3	110	2.52	4203
6455	15493.446205	350 (37W)	220	1.07	1.16	2	110	2.94	6182
6455	15493.446505	500 (37W)	220	1.19	1.28	1	140	3.21	7686

Dimensions and weights are nominal; subject to industry tolerances.
Note: a) All sizes are "FOR CT USE".
b) The NESC Lightning bolt symbol is on all Uniblend® constructions.

Multi-Conductor, Medium-Voltage Cables

SPEC 7200

UL LISTED

Duralox® 3/C 2400 V, UL Type MC or Type MV-90

Cable design: Three compact bare stranded copper conductors, extruded semi-conducting conductor shield, EPR insulation, cabled with applicably sized bare copper ground wire, aluminum interlocked armor with overall PVC jacket

Temperature Rating: 90˚C

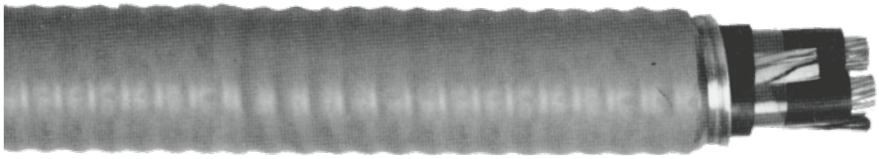
Conductor Size Range: 6 AWG to 500 kcmil

Industry Listings or Approvals: UL Listed as Type MC per UL 1569 and Type MV-90 per UL 1072 standards • Meets flame testing requirements of UL 1581 and IEEE 1202/CSA FT4 • Marked sunlight-resistant, direct burial and for CT use

SPEC NUMBER	CATALOG NUMBER	CONDUCTOR SIZE (STRANDING)	NOMINAL INSULATION (MILS)	GROUND WIRE SIZE (AWG)	NOMINAL DIAMETER OVER ARMOR (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
7200	17471.580200	2 (7W)	115	6	1.37	50	1.48	1363
7200	17471.585200	2/0 (19W)	115	4	1.71	60	1.84	2326
7200	17471.585400	4/0 (19W)	115	3	1.92	60	2.05	3256
7200	17471.586200	350 (37W)	115	2	2.21	60	2.34	4825
7200	17471.586500	500 (37W)	115	1	2.46	75	2.63	6567

Dimensions and weights are nominal; subject to industry tolerances.

SPEC 8250



Canadian Standard Association

RoHS Compliant Directive 2011/65/EU

TECK90 5000 V Unshielded, CSA, Type HL

Cable design: Three compact stranded copper conductors, semi-conductive strand shield, XLPE insulation, cabled with an applicably sized bare copper ground wire, inner PVC jacket, aluminum interlocked armor with overall PVC jacket

Temperature Rating: 90˚C

Conductor Size Range: 6 AWG to 750 kcmil

Industry Listings or Approvals: TECK90 per CSA Standard C22.2 No. 131 and 174 • CSA HL rating for installation in hazardous locations per CEC • Marked direct burial and sunlight-resistant • Meets -40˚C CSA cold impact requirements and flame testing requirement of CSA FT1/FT4 and IEEE 1202 • RoHS Compliant

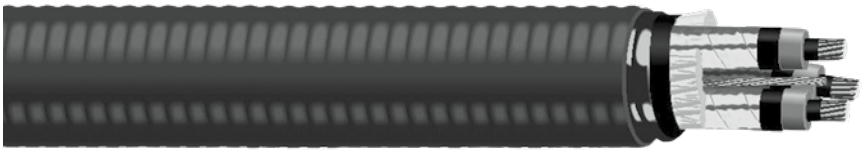
SPEC NUMBER	CATALOG NUMBER	COND. SIZE (STRANDING)	NUMBER OF COND.	GROUND WIRE SIZE (AWG)	NOMINAL INSULATION THICKNESS (MILS)	NOMINAL DIAMETER OVER INSULATION (INCHES)	NOMINAL DIAMETER OVER ARMOR (INCHES)	NOMINAL DIAMETER OVER JACKET (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)	APPROX. NET WEIGHT (KG PER KM)
8250	17496.020600	6 (7W)	3	8	90	0.39	1.27	1.37	927	1380
8250	17496.020400	4 (7W)	3	8	90	0.43	1.37	1.47	1138	1694
8250	17496.020200	2 (7W)	3	6	90	0.49	1.49	1.59	1476	2197
8250	17496.025200	2/0 (19W)	3	6	90	0.60	1.76	1.86	2334	3473
8250	17496.025400	4/0 (19W)	3	4	90	0.70	1.98	2.08	3328	4952
8250	17496.026200	350 (37W)	3	3	90	0.85	2.36	2.49	5102	7592
8250	17496.046500	500 (37W)	3	3	90	0.97	2.62	2.75	6721	10001
8250	17496.077000	750 (61W)	3	2	90	1.15	3.01	3.14	9469	14090

Dimensions and weights are nominal; subject to industry tolerances.

Data and stock status subject to change without notice. If more comprehensive information is required on any referenced product, please refer to our full line Industrial catalog at: http://gcna.us/catalogs/IndustrialCable.

Multi-Conductor, Medium-Voltage Cables

SPEC 7250



UL LISTED

RoHS Compliant Directive 2011/65/EU

Duralox® 3/C 5 kV 133%/8 kV 100% Insulation Levels, UL Type MC or Type MV-105

Cable design: Three compact bare stranded copper conductors, extruded semi-conducting conductor shield, lead free EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, cabled with applicably sized bare copper ground wire, aluminum interlocked armor with overall PVC jacket

Temperature Rating: 105˚C

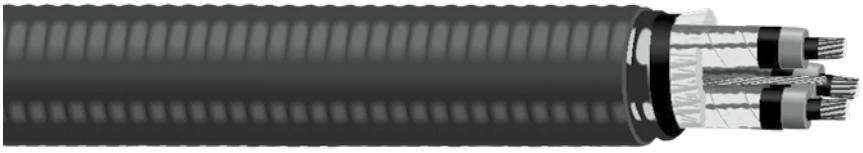
Conductor Size Range: 2 AWG to 500 kcmil

Industry Listings or Approvals: UL Listed as Type MC per UL 1569 and Type MV-105 per UL 1072 standards • Meets flame testing requirements of UL 1581 and IEEE 1202/CSA FT4 • Marked sunlight-resistant, direct burial and for CT use • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	COND. SIZE (STRANDING)	NOMINAL INSULATION (MILS)	MINIMUM O.D. OVER INSULATION (INCHES)	MAXIMUM O.D. OVER INSULATION (INCHES)	GROUND WIRE SIZE (AWG)	NOMINAL DIAMETER OVER ARMOR (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
7250	**17473.530200**	2 (7W)	115	0.51	0.59	6	1.64	60	1.77	1819
7250	**17473.535400**	4/0 (19W)	115	0.72	0.80	3	2.09	60	2.22	3687
7250	**17473.536200**	350 (37W)	115	0.87	0.95	2	2.41	75	2.57	5436
7250	**17473.536500**	500 (37W)	115	0.99	1.07	1	2.64	75	2.84	7170

Dimensions and weights are nominal; subject to industry tolerances.

SPEC 7300



UL LISTED

RoHS Compliant Directive 2011/65/EU

Duralox® 3/C 15 kV, 133% Insulation Level, UL Type MC or Type MV-105

Cable design: Three compact bare stranded copper conductors, extruded semi-conducting conductor shield, lead free EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, cabled with applicably sized bare copper ground wire, aluminum interlocked armor with overall PVC jacket

Temperature Rating: 105˚C

Conductor Size Range: 2 AWG to 500 kcmil

Industry Listings or Approvals: UL Listed as Type MC per UL 1569 and Type MV-105 per UL 1072 standards • Meets flame testing requirements of UL 1581 and IEEE 1202/CSA FT4 • Marked sunlight-resistant, direct burial and for CT use • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	COND. SIZE (STRANDING)	NOMINAL INSULATION (MILS)	MINIMUM O.D. OVER INSULATION (INCHES)	MAXIMUM O.D. OVER INSULATION (INCHES)	GROUND WIRE SIZE (AWG)	NOMINAL DIAMETER OVER ARMOR (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
7300	**17476.530200**	2 (7W)	220	0.71	0.80	6	2.08	60	2.21	2416
7300	**17476.535200**	2/0 (19W)	220	0.82	0.91	4	2.31	60	2.44	3371
7300	**17476.535400**	4/0 (19W)	220	0.92	1.01	3	2.53	75	2.70	4502
7300	**17476.536200**	350 (37W)	220	1.07	1.16	2	2.85	75	3.01	6252
7300	**17476.536500**	500 (37W)	220	1.19	1.28	1	3.11	85	3.30	8091

Dimensions and weights are nominal; subject to industry tolerances.

Multi-Conductor, Medium-Voltage Cables

SPEC 9800

CCW® 3/C 5 kV 133%/8 kV 100% Ins. Levels, UL Type MC-HL or Type MV-105, VFD, CSA Type HL

Cable design: Three compact bare stranded copper conductors, extruded semi-conducting conductor shield, EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, cabled with 3 symmetrical bare copper grounding wires, continuously corrugated and welded (CCW) armor with overall PVC jacket

Temperature Rating: 105˚C

Conductor Size Range: 2 AWG to 500 kcmil

Industry Listings or Approvals: UL Listed as 5/8 kV Type MC-HL per UL 1569 for Class 1 Div. 1 hazardous locations and Type MV-105 per UL 1072 • ABS listed for CWCMC • Marine shipboard cable per UL 1309, CSA Type HL per C68.10 • Direct burial • Meets flame testing requirements of IEEE 1202, CSA FT4, UL 1581 and IEC 60332-3 • Suitable for VFD application • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	COND. SIZE (STRANDING)	NUMBER OF COND.	NOMINAL INSULATION (MILS)	NOMINAL O.D. OVER INSULATION (INCHES)	GROUND WIRE SIZE (AWG)	NOMINAL DIAMETER OVER CORE (INCHES)	NOMINAL DIAMETER OVER ARMOR (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
9800	**9800.00203310**	2 (7W)	3	115	0.53	3 x 10	1.37	1.64	60	1.78	1731
9800	**9800.21003308**	2/0 (19W)	3	115	0.64	3 x 8	1.61	1.92	60	2.05	2626
9800	**9800.41003307**	4/0 (19W)	3	115	0.74	3 x 7	1.82	2.15	60	2.28	3650
9800	**9800.35003306**	350 (37W)	3	115	0.89	3 x 6	2.10	2.45	75	2.61	5045
9800	**9800.50003305**	500 (37W)	3	115	1.01	3 x 5	2.39	2.75	75	2.92	7137

Dimensions and weights are nominal; subject to industry tolerances.

SPEC 9835

CCW® 3/C 15 kV, 133% Insulation Level, UL Type MC-HL or Type MV-105, CSA Type HL

Cable design: Three compact bare stranded copper conductors, extruded semi-conducting conductor shield, EPR insulation, extruded semi-conducting insulation shield, 5 mil bare copper shield tape with 25% minimum overlap, cabled with 3 symmetrical bare copper grounding wires, continuously corrugated and welded (CCW) armor with overall PVC jacket

Temperature Rating: 105˚C

Conductor Size Range: 2 AWG to 500 kcmil

Industry Listings or Approvals: UL Listed as 15 kV Type MC-HL per UL 1569 for Class 1 Div. 1 hazardous locations • ABS listed for CWCMC • Marine shipboard cable per UL 1309, CSA Type HL per C68.10 • Direct burial • Meets flame testing requirements of IEEE 1202, CSA FT4, UL 1581 and IEC 60332-3 • RoHS Compliant

SPEC NUMBER	CATALOG NUMBER	COND. SIZE (STRANDING)	NUMBER OF COND.	NOMINAL INSULATION (MILS)	NOMINAL O.D. OVER INSULATION (INCHES)	GROUND WIRE SIZE (AWG)	NOMINAL DIAMETER OVER CORE (INCHES)	NOMINAL DIAMETER OVER ARMOR (INCHES)	JACKET THICKNESS (MILS)	APPROX. CABLE O.D. (INCHES)	APPROX. NET WEIGHT (LBS/1000 FT)
9835	**9835.00203106**	2 (7W)	3	220	0.76	6	1.82	2.15	60	2.28	2473
9835	**9835.21003104**	2/0 (19W)	3	220	0.87	4	2.06	2.40	75	2.56	3630
9835	**9835.41003103**	4/0 (19W)	3	220	0.97	3	2.26	2.62	75	2.79	4435
9835	**9835.35003102**	350 (37W)	3	220	1.12	2	2.61	3.03	85	3.21	6445
9835	**9835.50003101**	500 (37W)	3	220	1.24	1	2.86	3.32	85	3.50	8376

Dimensions and weights are nominal; subject to industry tolerances.

Data and stock status subject to change without notice. If more comprehensive information is required on any referenced product, please refer to our full line Industrial catalog at: http://gcna.us/catalogs/IndustrialCable.

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Notes

General Cable

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Commercial, Residential, Institutional

Products:
Building Wire (Al & Cu), Portable Cord, Industrial Cable

ENERGY

Markets:
Transmission, Distribution, Generation

Products:
Underground Cable, Substation Cable, Overhead Conductor & Cable

ENTERPRISE & COMMUNICATIONS

Markets:
Commercial/Residential Buildings, Data Centers, Education, Finance, Federal/Government, Healthcare, AV, Manufacturing

Products:
Datacom Cable, Fiber Optic Cable, Electronics Cable, Telecommunications Cable

INDUSTRIAL

Markets:
Petrochemical, Food & Beverage, Automation, Water/Wastewater, Power Generation, Pulp & Paper

Products:
Portable & Temporary Power Cord, Instrumentation Cable, Control Cable, Power Cable, Automation Cable

MILITARY

Markets:
On Land, At Sea, In the Air

Products:
Communications Wire & Cable (Cu & Fiber), Shore to Ship Power Cable, Wire Harnesses & Assemblies

MINING

Markets:
Surface, Underground

Products:
Portable & Trailing Mining Cable, Mine Power Feeder Cable, Industrial Cable

RENEWABLE ENERGY

Markets:
Solar, Hydro, Wind

Products:
Panel Wire, Cu & AL PV Wire, Tower Wire & Cable, Collection System Cable, Industrial Cable, Utility Cable

OIL, GAS & PETROCHEMICAL

Markets:
Upstream, Downstream, Midstream

Products:
Offshore Cable, Subsea Cable, Onshore Cable

TELCO

Markets:
Independent Telephone Operating Companies (ITOCs), Regional Bell Operating Companies (RBOCs)

Products:
Air Core Cable, Filled Core Cable, Wire Products, Central Office Cable

TRANSPORTATION

Markets:
Automotive, Agricultural Equipment, Rail & Transit, Heavy Duty & Industrial Trucks, Bus

Products:
On-Vehicle Data Communications, Control & Power Wire and Cable, Battery Cable, Primary Wire, Electric Vehicle (EV) Products, Wire Harnesses and Assemblies

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