

Duralox®

XLPE/AIA/PVC, Control, Armored
600 V, UL Type MC, Multi Conductor

Product Construction:

Conductor:

- 14 AWG thru 10 AWG bare compressed copper
- Class B stranding per ASTM B3 and B8

Insulation:

- Flame-retardant Cross-Linked Polyethylene (XLPE)
- Color-coded per ICEA Method 1, Table E-2 (does not include white or green)

Ground:

- Annealed bare copper Class B stranding per ASTM B8

Armor:

- Aluminum Interlocked Armor (AIA)

Jacket:

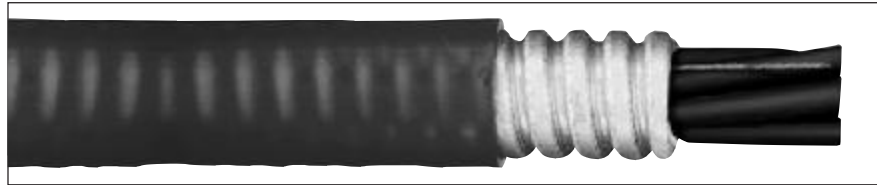
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC), black

Print:

- GENERAL CABLE® XX/C XX AWG (UL) TYPE MC XHHW-2 CDRS DIR BUR SUN RES FOR CT USE 600 V MONTH-YEAR SEQUENTIAL FOOTAGE MARK

Options:

- Tinned copper conductors
- E-1 color code
- Copper tape shield or aluminum/polymer tape shield with tinned copper drain wire over cable core



Options (cont'd.):

- Inner jacket only, outer jacket only, or both
- Galvanized Steel Interlocked Armor (GSIA)
- Other constructions available upon request

Applications:

- In all raceways or direct burial
- In wet or dry locations
- Permitted for use in Class I, Division 2; Class II, Division 2; and Class III, Division 1 and 2 per NEC Article 334

Features:

- Rated at 90°C wet or dry
- Sunlight-resistant
- Provides excellent oil and chemical resistance
- Excellent crush resistance
- Provides a long service life
- Flame-retardant and resistant to moisture
- Cost-effective alternative to installations in conduit
- Meets cold bend test at -25°C

Compliances:

Industry Compliances:

- UL 1569
- UL 44
- ICEA S-95-658/NEMA WC 70
- UL Type MC-600 volts, UL File # E69797
- NEC Type XHHW-2 conductors

Flame Test Compliances:

- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr) CSA FT4
- ICEA T-29-520 (210,000 BTU/hr)

Other Compliances:

- EPA 40 CFR, Part 261 for leachable lead content per TCLP method
- OSHA Acceptable

Packaging:

- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lagging, pulling eyes, paralleling and plexing

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	MINIMUM INSULATION THICKNESS		GRND. WIRE SIZE (AWG)	NOM. DIA. (OVER) ARMOR		NOMINAL JACKET THICKNESS		NOMINAL CABLE O.D.		COPPER WEIGHT		NET WEIGHT	
			INCHES	mm		INCHES	mm	INCHES	mm	INCHES	mm	LBS/1000 FT	kg/km	LBS/1000 FT	kg/km

14 AWG - MULTI CONDUCTOR - 600 V

346410*	2	14	0.030	0.76	14	0.49	12.5	0.050	1.27	0.60	15.3	39	58	175	261
346420	3	14	0.030	0.76	14	0.52	13.2	0.050	1.27	0.63	16.0	52	78	183	273
346430*	4	14	0.030	0.76	14	0.55	14.0	0.050	1.27	0.66	16.8	65	97	233	347
346440	5	14	0.030	0.76	14	0.59	15.0	0.050	1.27	0.69	17.6	79	118	246	367
346450	7	14	0.030	0.76	14	0.64	16.3	0.050	1.27	0.74	18.8	104	155	297	443
346460*	9	14	0.030	0.76	14	0.72	18.3	0.050	1.27	0.83	21.1	130	193	379	564
346470*	12	14	0.030	0.76	14	0.80	20.3	0.050	1.27	0.90	22.9	168	250	460	685
346480*	19	14	0.030	0.76	14	0.99	25.2	0.050	1.27	1.02	25.9	259	385	621	924
346490*	25	14	0.030	0.76	14	1.07	27.2	0.050	1.27	1.17	29.7	337	502	776	1155
346500*	37	14	0.030	0.76	14	1.19	30.3	0.050	1.27	1.29	32.8	492	732	1043	1533

12 AWG - MULTI CONDUCTOR - 600 V

346510*	2	12	0.030	0.76	12	0.53	13.5	0.050	1.27	0.64	16.3	64	96	218	324
346520	3	12	0.030	0.76	12	0.56	14.3	0.050	1.27	0.66	16.8	83	124	227	338
346530	4	12	0.030	0.76	12	0.60	15.3	0.050	1.27	0.71	18.1	103	154	272	405
346540	5	12	0.030	0.76	12	0.64	16.3	0.050	1.27	0.75	19.1	129	192	336	500
346550	7	12	0.030	0.76	12	0.70	17.8	0.050	1.27	0.81	20.6	165	246	380	566
346560*	9	12	0.030	0.76	12	0.78	19.8	0.050	1.27	0.89	22.6	214	319	479	713
346570*	12	12	0.030	0.76	12	0.86	21.9	0.050	1.27	0.97	24.7	279	416	596	887
346580*	19	12	0.030	0.76	12	0.99	25.2	0.050	1.27	1.10	28.0	428	637	830	1235
346590*	25	12	0.030	0.76	12	1.18	30.0	0.050	1.27	1.28	32.5	557	829	1058	1575
346600*	37	12	0.030	0.76	12	1.31	33.3	0.050	1.27	1.41	35.8	793	1180	1403	2088

10 AWG - MULTI CONDUCTOR - 600 V

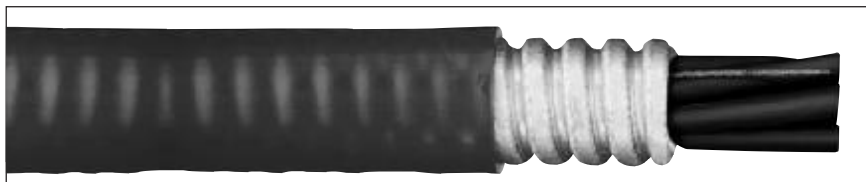
346610	3	10	0.030	0.76	10	0.61	15.5	0.050	1.27	0.72	18.3	131	195	301	448
346620	4	10	0.030	0.76	10	0.66	16.8	0.050	1.27	0.77	19.6	164	244	355	529

Dimensions and weights are nominal; subject to industry tolerances.
*Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.



Duralox®

XLPE/AIA/PVC, Power, Armored
600 V, UL Type MC, Three and Four Conductor (8 AWG–4/0 AWG)



Compliances:

Industry Compliances:

- UL 1569
- UL 44
- ICEA S-95-658/NEMA WC 70
- UL Type MC-600 volts, UL File # E69797
- NEC Type XHHW-2 conductors

Flame Test Compliances:

- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr) CSA FT4
- ICEA T-29-520 (210,000 BTU/hr)

Other Compliances:

- EPA 40 CFR, Part 261 for leachable lead content per TCLP method
- OSHA Acceptable

Packaging:

- For U.S. customers, material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit, Extra charges apply for cuts less than 1000 ft., lagging, pulling eyes, paralleling and plexing

Product Construction:

Conductors:

- 8 AWG thru 4/0 AWG bare compressed copper
- Class B stranding per ASTM B8

Insulation:

- Cross-Linked Polyethylene (XLPE)
- Color-coded per ICEA Method 3, Table E-2

Ground:

- Annealed bare copper Class B stranding per ASTM B8

Armor:

- Aluminum Interlocked Armor (AIA)

Jacket:

- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC), black

Print:

- GENERAL CABLE® SIZE (AWG OR KCMIL) 3/C OR 4/C (AS APPLICABLE) TYPE XHHW-2 CDRS 1/C SIZE AWG GRD SUN RES FOR CT USE DIR BUR 600 V (UL) MONTH/YEAR SEQUENTIAL FOOTAGE MARK

Options:

- Other constructions available upon request

Applications:

- Ideally suited for use in a broad range of commercial, industrial and utility applications, where maximum performance is demanded, ease of installation desired and fire resistance is critical
- Permitted for use in Class I; Class II, Division 2; and Class III, Division 1 and 2 hazardous locations per the NEC
- Installed in both exposed or concealed work, wet or dry locations, indoors or outdoors and cable trays

Features:

- Rated at 90°C wet or dry
- Provides excellent oil and chemical resistance
- Excellent crush resistance
- Provides a long service life
- Cost-effective alternative to installations in conduit
- Meets cold bend test at -25°C

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	GRND. WIRE SIZE (AWG)	MINIMUM INSULATION THICKNESS		NOM. DIA. (OVER) ARMOR		NOMINAL JACKET THICKNESS		NOMINAL CABLE O.D.		COPPER WEIGHT		NET WEIGHT	
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	LBS/1000 FT	kg/km	LBS/1000 FT	kg/km
8 AWG - 4/0 AWG - THREE AND FOUR CONDUCTOR - 600 V															
346630	3	8	10	0.045	1.14	0.74	18.8	0.050	1.27	0.84	21.4	189	281	420	625
346640*	4	8	10	0.045	1.14	0.80	20.3	0.050	1.27	0.90	22.9	241	359	507	755
11298.030600	3	6	8	0.045	1.14	0.84	21.4	0.050	1.27	0.95	24.2	300	446	567	844
11298.040600*	4	6	8	0.045	1.14	0.91	23.1	0.050	1.27	1.01	25.6	383	570	670	997
11298.030400	3	4	8	0.045	1.14	0.94	23.9	0.050	1.27	1.05	26.7	447	665	757	1127
11298.040400*	4	4	8	0.045	1.14	1.03	26.2	0.050	1.27	1.13	28.7	577	859	912	1357
11298.030200	3	2	6	0.045	1.14	1.07	27.2	0.050	1.27	1.18	30.0	710	1057	1075	1600
11298.040200*	4	2	6	0.045	1.14	1.18	30.0	0.050	1.27	1.28	32.5	919	1368	1295	1927
11298.030100*	3	1	6	0.055	1.40	1.19	30.3	0.050	1.27	1.29	32.8	873	1299	1269	1889
11298.040100*	4	1	6	0.055	1.40	1.31	33.3	0.050	1.27	1.41	35.9	1136	1691	1596	2375
11298.035100	3	1/0	6	0.055	1.40	1.27	32.3	0.050	1.27	1.38	35.1	1081	1609	1528	2274
11298.045100*	4	1/0	6	0.055	1.40	1.40	35.6	0.050	1.27	1.50	38.1	1512	2250	1913	2847
11298.035200	3	2/0	6	0.055	1.40	1.37	34.8	0.050	1.27	1.48	37.6	1341	1996	1860	2768
11298.045200*	4	2/0	6	0.055	1.40	1.51	38.2	0.050	1.27	1.61	40.9	1760	2619	2345	3490
11298.035300*	3	3/0	4	0.055	1.40	1.48	37.6	0.050	1.27	1.59	40.4	1717	2555	2259	3362
11298.045300*	4	3/0	4	0.055	1.40	1.66	42.2	0.050	1.27	1.78	45.3	2245	3341	2878	4283
11298.035400	3	4/0	4	0.055	1.40	1.66	42.2	0.060	1.52	1.79	45.5	2130	3170	2840	4226
11298.045400*	4	4/0	4	0.055	1.40	1.78	45.2	0.060	1.52	1.90	48.3	2796	4161	3586	5336

Dimensions and weights are nominal; subject to industry tolerances.

*Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.



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

Duralox®

XLPE/AIA/PVC, Power, Armored
600 V, UL Type MC, Three and Four Conductor (250 kcmil – 1000 kcmil)

Product Construction:

Conductors:

- 250 kcmil thru 1000 kcmil bare compressed copper
- Class B stranding per ASTM B8

Insulation:

- Cross-Linked Polyethylene (XLPE)
- Color-coded per ICEA Method 3, Table E-2

Ground:

- Annealed bare copper Class B stranding per ASTM B8

Armor:

- Aluminum Interlocked Armor (AIA)

Jacket:

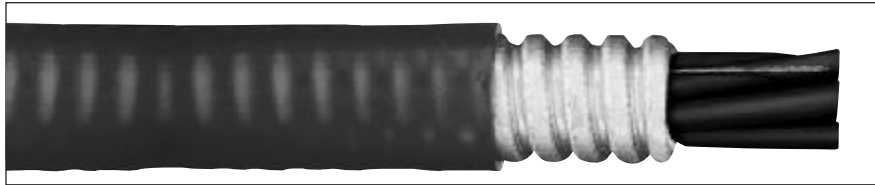
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC), black

Print:

- GENERAL CABLE® SIZE (AWG OR KCMIL) 3/C OR 4/C (AS APPLICABLE) TYPE XHHW-2 CDRS 1/C SIZE AWG GRD SUN RES FOR CT USE DIR BUR 600 V (UL) MONTH/YEAR SEQUENTIAL FOOTAGE MARK

Options:

- Other constructions available upon request



Applications:

- Ideally suited for use in a broad range of commercial, industrial and utility applications, where maximum performance is demanded, ease of installation desired and fire resistance is critical
- Permitted for use in Class I, Class II, Division 2; and Class III, Division 1 and 2 hazardous locations per the NEC
- Installed in both exposed or concealed work, wet or dry locations, indoors or outdoors and cable trays

Features:

- Rated at 90°C wet or dry
- Provides excellent oil and chemical resistance
- Excellent crush resistance
- Provides a long service life
- Cost-effective alternative to installations in conduit
- Meets cold bend test at -25°C

Compliances:

Industry Compliances:

- UL 1569
- UL 44
- ICEA S-95-658/NEMA WC 70
- UL Type MC-600 volts, UL File # E90496
- NEC Type XHHW-2 conductors

Flame Test Compliances:

- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr) CSA FT4
- ICEA T-29-520 (210,000 BTU/hr)

Other Compliances:

- EPA 40 CFR, Part 261 for leachable lead content per TCLP method
- OSHA Acceptable

Packaging:

- For U.S. customers, material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lagging, pulling eyes, paralleling and plexing

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	GRND. WIRE SIZE (AWG)	MINIMUM INSULATION THICKNESS		NOM. DIA. (OVER) ARMOR		NOMINAL JACKET THICKNESS		NOMINAL CABLE O.D.		COPPER WEIGHT		NET WEIGHT	
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	LBS/1000 FT	kg/km	LBS/1000 FT	kg/km
250 kcmil - 1000 kcmil - THREE AND FOUR CONDUCTOR - 600 V															
11298.036000	3	250	4	0.065	1.65	1.81	46.0	0.060	1.52	1.94	49.3	2495	3713	3295	4903
11298.046000*	4	250	4	0.065	1.65	1.95	49.5	0.060	1.52	2.07	52.6	3282	4884	4174	6211
11298.036200	3	350	3	0.065	1.65	2.03	51.6	0.060	1.52	2.16	54.9	3474	5170	4400	6548
11298.046200*	4	350	3	0.065	1.65	2.20	55.9	0.060	1.52	2.32	59.0	4576	6810	5608	8345
11298.036500	3	500	2	0.065	1.65	2.30	58.5	0.075	1.91	2.46	62.5	4934	7343	6126	9116
11298.046500*	4	500	2	0.065	1.65	2.51	63.8	0.075	1.91	2.66	67.6	6509	9687	7825	11644
11298.037000*	3	750	1	0.080	2.03	2.74	69.6	0.075	1.91	2.89	73.4	7351	10940	8806	13104
11298.047000*	4	750	1	0.080	2.03	3.04	77.2	0.075	1.91	3.21	81.6	9713	14455	11494	17104
11298.037500*	3	1000	1/0	0.080	2.03	3.07	78.0	0.075	1.91	3.24	82.3	9783	14559	11476	17077
11298.047500*	4	1000	1/0	0.080	2.03	3.41	86.6	0.075	1.91	3.58	91.0	12932	19245	14931	22218

Dimensions and weights are nominal; subject to industry tolerances.

*Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.

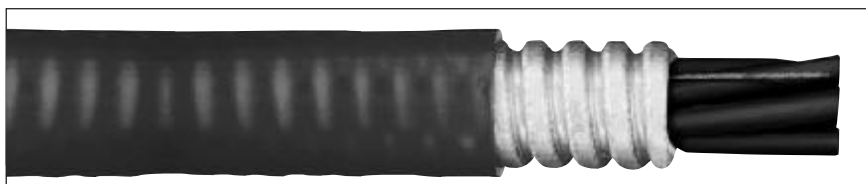


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Duralox®

XLPE/AIA/PVC, Power, Armored, with Enhanced Ground Wires (50%)
600 V, UL Type MC, Three Conductor (1/0 AWG – 1000 kcmil)



Compliances:

Industry Compliances:

- UL 1569
- UL 44
- ICEA S-95-658/NEMA WC 70
- UL Type MC-600 volts, UL File # E90496
- NEC Type XHHW-2 conductors

Flame Test Compliances:

- IEEE 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr) CSA FT4
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Other Compliances:

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- OSHA Acceptable

Packaging:

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Product Construction:

Conductors:

- 1/0 AWG thru 1000 kcmil bare compressed copper
- Class B stranding per ASTM B8

Insulation:

- Cross-Linked Polyethylene (XLPE)
- Color-coded per ICEA Method 3, Table E-2

Ground:

- Annealed bare copper Class B stranding per ASTM B8

Armor:

- Aluminum Interlocked Armor (AIA)

Jacket:

- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC), black

Print:

- GENERAL CABLE® SIZE (AWG OR KCMIL) 3/C TYPE XHHW-2 CDRS 1/C SIZE AWG GRD SUN RES FOR CT USE DIR BUR 600 V (UL) MONTH/YEAR SEQUENTIAL FOOTAGE MARK

Options:

- Other constructions available upon request

Applications:

- Ideally suited for use in a broad range of commercial, industrial and utility applications, where maximum performance and fire resistance is critical
- Permitted for use in Class I; Class II, Division 2; and Class III, Division 1 and 2 hazardous locations per the NEC
- Installed in both exposed or concealed work, wet or dry locations, indoors or outdoors and cable trays

Features:

- Rated at 90°C wet or dry
- Provides excellent oil and chemical resistance
- Excellent crush resistance
- Provides a long service life
- Cost-effective alternative to installations in conduit
- Meets cold bend test at -25°C

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	GRND. WIRE SIZE (AWG)	MINIMUM INSULATION THICKNESS		NOM. DIA. (OVER) ARMOR		NOMINAL JACKET THICKNESS		NOMINAL CABLE O.D.		COPPER WEIGHT		NET WEIGHT	
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	LBS/1000 FT	kg/km	LBS/1000 FT	kg/km
1/0 AWG - 1000 kcmil - THREE CONDUCTOR - 600 V															
11298.515100*	3	1/0	3x6	0.055	1.40	1.27	32.3	0.050	1.27	1.38	35.1	1247	1858	1694	2524
11298.515200*	3	2/0	3x6	0.055	1.40	1.37	34.8	0.050	1.27	1.48	37.6	1507	2245	2026	3019
11298.515300*	3	3/0	3x5	0.055	1.40	1.48	37.6	0.050	1.27	1.59	40.4	1939	2889	2481	3697
11298.515400*	3	4/0	3x4	0.055	1.40	1.66	42.2	0.060	1.52	1.79	45.5	2395	3569	3105	4626
11298.516000*	3	250	3x4	0.065	1.65	1.81	46.0	0.060	1.52	1.94	49.3	2760	4112	3560	5304
11298.516200*	3	350	3x2	0.065	1.65	2.03	51.6	0.060	1.52	2.16	54.9	3944	5877	4870	7256
11298.516500	3	500	3x1	0.065	1.65	2.30	58.5	0.075	1.91	2.46	62.5	5473	8155	6665	9931
11298.517000*	3	750	3x2/0	0.080	2.03	2.74	69.6	0.075	1.91	2.89	73.4	8022	11953	9477	14121
11298.517500*	3	1000	3x3/0	0.080	2.03	3.07	78.0	0.075	1.91	3.24	82.3	10629	15837	12322	18360

Dimensions and weights are nominal; subject to industry tolerances.

*Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.



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