

Duralox[®]

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

Product Construction:

Conductors:

- 1/0 AWG thru 1000 kcmil bare compact copper, Class B stranding per ASTM B496

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:

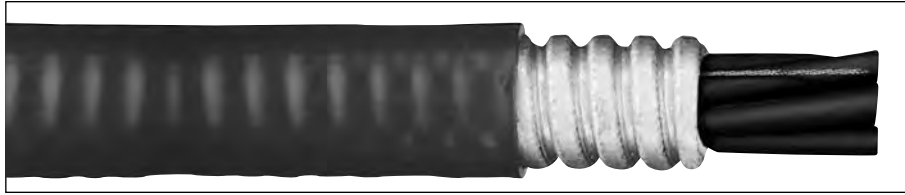
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC), black

Options:

- Galvanized Steel Interlocked Armor (GSIA)

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 per NEC Article 330
 - Class I, Division 2
 - Class II, Division 2
 - Class III, Divisions 1 and 2
- Installed in both exposed or concealed work, wet or dry locations, indoors or outdoors, direct burial 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 -40°C
- Sunlight-resistant for CT use

Compliances:

Industry Compliances:

- UL 1569
- UL 44
- ICEA S-95-658/NEMA WC70
- UL Type MC-600 volts, UL File # E90496
- NEC Type XHHW-2 conductors

Flame Test Compliances:

- IEEE 383 (70,000 BTU/hr)
- UL 1685 (70,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr) CSA FT4
- ICEA T-29-520 (210,000 BTU/hr)

Compliances (cont'd.):

Other Compliances:

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

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
1/0 AWG - 1000 kcmil CONDUCTORS															
11298.515100*	3	1/0	3x6	0.055	1.40	1.20	30.5	0.050	1.27	1.31	33.3	1211	1802	1626	2420
11298.515200*	3	2/0	3x6	0.055	1.40	1.29	32.8	0.050	1.27	1.40	35.6	1445	2150	1945	2894
11298.515300*	3	3/0	3x5	0.055	1.40	1.39	35.4	0.050	1.27	1.50	38.2	1800	2679	2382	3544
11298.515400*	3	4/0	3x4	0.055	1.40	1.59	40.5	0.060	1.52	1.72	43.8	2283	3397	2981	4436
11298.516000*	3	250	3x4	0.065	1.65	1.72	43.6	0.060	1.52	1.85	46.9	2644	3935	3418	5086
11298.516200*	3	350	3x2	0.065	1.65	1.92	48.9	0.060	1.52	2.05	52.2	3761	5597	4675	6957
11298.516500	3	500	3x1	0.065	1.65	2.18	55.5	0.060	1.52	2.31	58.8	5260	7827	6399	9523
11298.517000*	3	750	3x2/0	0.080	2.03	2.62	66.5	0.075	1.91	2.78	70.6	7987	11886	9098	13539
11298.517500*	3	1000	3x3/0	0.080	2.03	2.95	74.8	0.075	1.91	3.11	79.0	10357	15412	11829	17604

Dimensions and weights are nominal; subject to industry tolerances.

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