

Duralox®

XLPE/AIA/PVC, Power, Armored 600 V or 1000 V

UL Type MC, Three and Four Conductor (8 AWG—4/0 AWG)

Product Construction:

Conductors:

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

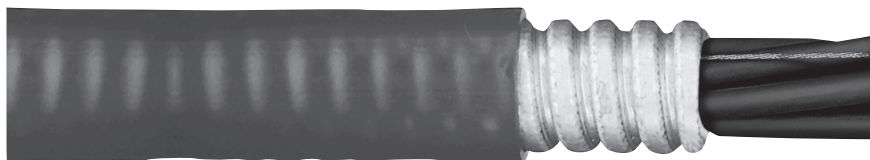
- Flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC), black

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



Applications (cont'd.):

- 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 V or 1000 V, UL File # E90496
- NEC Type XHHW-2 conductors

Compliances (cont'd.):

Flame Test Compliances:

- UL 1685 (70,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr) CSA FT4

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
8 AWG - 4/0 AWG CONDUCTORS															
346630	3	8	10	0.045	1.14	0.77	19.4	0.050	1.27	0.87	22.1	189	281	394	586
346640*	4	8	10	0.045	1.14	0.84	21.2	0.050	1.27	0.94	23.9	241	358	483	719
11298.030600	3	6	8	0.045	1.14	0.78	19.9	0.050	1.27	0.89	22.7	300	446	550	818
11298.040600*	4	6	8	0.045	1.14	0.85	21.6	0.050	1.27	0.96	24.4	382	569	677	1007
11298.030400	3	4	8	0.045	1.14	0.88	22.3	0.050	1.27	0.99	25.0	447	665	722	1075
11298.040400*	4	4	8	0.045	1.14	0.96	24.3	0.050	1.27	1.07	27.1	578	861	884	1315
11298.030200	3	2	6	0.045	1.14	1.00	25.3	0.050	1.27	1.11	28.1	710	1056	1016	1512
11298.040200*	4	2	6	0.045	1.14	1.09	27.7	0.050	1.27	1.20	30.5	919	1367	1249	1858
11298.030100*	3	1	6	0.055	1.40	1.11	28.2	0.050	1.27	1.22	31.0	875	1302	1245	1852
11298.040100*	4	1	6	0.055	1.40	1.22	30.9	0.050	1.27	1.33	33.7	1139	1695	1566	2331
11298.035100	3	1/0	6	0.055	1.40	1.19	30.1	0.050	1.27	1.30	32.9	1080	1607	1473	2192
11298.045100*	4	1/0	6	0.055	1.40	1.30	33.1	0.050	1.27	1.41	35.9	1413	2102	1855	2761
11298.035200	3	2/0	6	0.055	1.40	1.28	32.5	0.050	1.27	1.39	35.3	1340	1994	1765	2627
11298.045200*	4	2/0	6	0.055	1.40	1.41	35.7	0.050	1.27	1.52	38.5	1759	2618	2245	3341
11298.035300	3	3/0	4	0.055	1.40	1.38	35.0	0.050	1.27	1.49	37.8	1717	2554	2169	3227
11298.045300*	4	3/0	4	0.055	1.40	1.61	40.9	0.060	1.52	1.74	44.2	2245	3341	2825	4203
11298.035400	3	4/0	4	0.055	1.40	1.57	40.0	0.060	1.52	1.70	43.3	2130	3169	2714	4038
11298.045400*	4	4/0	4	0.055	1.40	1.73	43.8	0.060	1.52	1.86	47.1	2796	4160	3413	5079

Dimensions and weights are nominal; subject to industry tolerances.

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