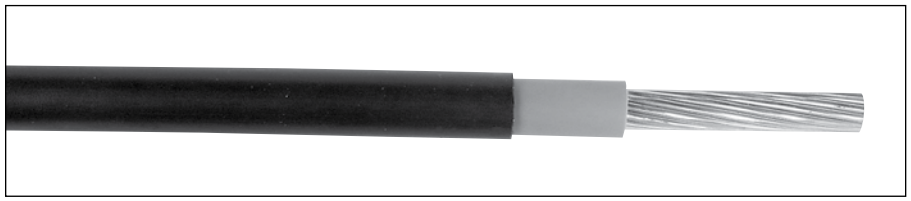
DuraSheath® High Speed

EPR/XL-CPE, Low-Voltage Power, Unshielded 600 V, UL Type RHH/RHW-2/USE-2



Product Construction:

Conductor:
- 14 AWG thru 1000 kcmil tin-coated copper compressed Class B stranding per ASTM B33 and B8

Insulation:
- Lead-free Ethylene Propylene Rubber (EPR) colored to contrast with jacket

Jacket:
- Lead-free Cross-linked Chlorinated Polyethylene (XL-CPE), black
- Colors available upon request

Applications:
- Ideally suited for use in a broad range of commercial, industrial and utility applications where reliability is a major concern and where maximum performance will be demanded

Applications (cont'd.):
- In free air, raceways or direct burial
- For use in aerial, conduit, open tray and underground duct/installations

Features:
- Rated at 90˚C wet or dry
- Deformation-resistant at high temperatures
- Excellent moisture resistance, exceeds UL 44
- Stable electrical properties over a broad temperature range
- Excellent flexibility at low temperatures; suitable for installation in sub-zero conditions
- Extra-tough, mechanically rugged composite insulation and jacket construction
- High Speed low friction technology for easy cable pulling
- Resistant to most oils and chemicals
- UV/sunlight-resistant
- Meets UL 44 cold bend test at -40˚C

Compliances:
Industry Compliances:
- National Electric Code (NEC)
- ICEA S-95-658/NEMA WC70
- "FOR CT USE" on 1/0 AWG and larger in accordance with the NEC
- UL 44 Type RHH/RHW-2, UL File # E90494
- UL 854 Type USE-2, UL File # E90499

Flame Test Compliances:
- UL 1581 VW-1
- IEEE 1202/CSA FT4

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

Packaging:
- Material cut to length and shipped on non-returnable wood reels

CATALOG NUMBER	COND. SIZE (AWG/ kcmil)	COND. STRAND	NOMINAL COND. DIAMETER		MINIMUM AVG. INSULATION				MINIMUM AVG. JACKET				COPPER WEIGHT		NET WEIGHT	
					THICKNESS		DIAMETER		THICKNESS		DIAMETER					
			INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	LBS/ 1000 FT	kg/ km	LBS/ 1000 FT	kg/ km
14 AWG - 1000 kcmil CONDUCTORS																
14511.411405	14	7W	0.07	1.78	0.030	0.76	0.14	3.56	0.015	0.38	0.17	4.32	13	19	24	36
14511.411205	12	7W	0.09	2.29	0.030	0.76	0.16	4.06	0.015	0.38	0.19	4.83	20	30	33	49
14511.411005	10	7W	0.12	3.05	0.030	0.76	0.18	4.57	0.015	0.38	0.21	5.33	32	48	48	71
14511.410805	8	7W	0.15	3.81	0.045	1.14	0.24	6.10	0.015	0.38	0.28	7.11	50	75	77	115
14511.410605	6	7W	0.18	4.57	0.045	1.14	0.28	7.11	0.030	0.76	0.35	8.89	81	121	122	182
14511.410405	4	7W	0.23	5.84	0.045	1.14	0.33	8.38	0.030	0.76	0.39	9.91	129	192	178	265
14511.710205	2	7W	0.29	7.37	0.045	1.14	0.39	9.91	0.030	0.76	0.46	11.68	205	305	265	394
14511.715105	1/0	19W	0.37	9.40	0.055	1.40	0.48	12.19	0.045	1.14	0.58	14.73	326	485	422	628
14511.715205	2/0	19W	0.41	10.41	0.055	1.40	0.53	13.46	0.045	1.14	0.63	16.00	411	612	518	771
14511.715405	4/0	19W	0.52	13.21	0.055	1.40	0.64	16.26	0.045	1.14	0.74	18.80	653	972	785	1168
14511.716005	250	37W	0.56	14.22	0.065	1.65	0.70	17.78	0.065	1.65	0.85	21.59	772	1149	960	1429
14511.716205	350	37W	0.67	17.02	0.065	1.65	0.81	20.57	0.065	1.65	0.96	24.38	1081	1609	1299	1933
14511.716505	500	37W	0.80	20.32	0.065	1.65	0.94	23.88	0.065	1.65	1.09	27.69	1542	2295	1803	2683
14511.717005	750	61W	0.98	24.89	0.080	2.03	1.15	29.21	0.065	1.65	1.31	33.27	2316	3447	2664	3965
14511.717505	1000	61W	1.13	28.70	0.080	2.03	1.31	33.27	0.065	1.65	1.46	37.08	3086	4593	3480	5180

Dimensions and weights are nominal; subject to industry tolerances.