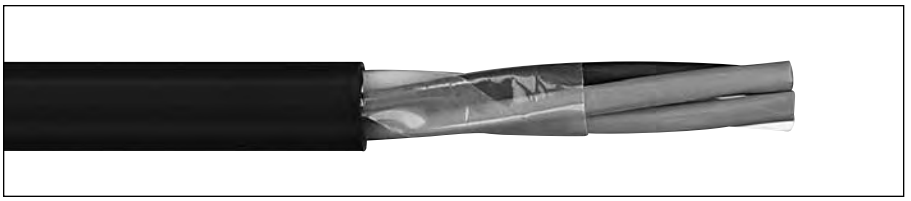
CHTC®

XLPE/XL-CPE, Control, Unshielded
600 V, UL Type TC—E-1 Color Code



CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	COND. STRAND	MINIMUM AVG. INSULATION THICKNESS		MINIMUM AVG. JACKET THICKNESS		NOMINAL CABLE O.D.		COPPER WEIGHT		NET WEIGHT	
				INCHES	mm	INCHES	mm	INCHES	mm	LBS/ 1000 FT	kg/km	LBS/ 1000 FT	kg/km
14 AWG CONDUCTORS													
256260*	2 Flat	14	7W	0.030	0.76	0.045	1.14	.230 x .365	5.84 x 9.27	26	39	68	101
330580	2	14	7W	0.030	0.76	0.045	1.14	0.370	9.40	26	39	75	112
244160	3	14	7W	0.030	0.76	0.045	1.14	0.390	9.91	39	59	95	141
239640	4	14	7W	0.030	0.76	0.045	1.14	0.425	10.80	53	78	118	176
239700	5	14	7W	0.030	0.76	0.045	1.14	0.465	11.81	66	98	143	213
237500	7	14	7W	0.030	0.76	0.045	1.14	0.505	12.83	92	137	179	266
239660	9	14	7W	0.030	0.76	0.060	1.52	0.620	15.75	118	176	249	371
252400	12	14	7W	0.030	0.76	0.060	1.52	0.700	17.78	158	235	317	472
252410*	19	14	7W	0.030	0.76	0.060	1.52	0.815	20.70	250	372	467	695
383980*	25	14	7W	0.030	0.76	0.080	2.03	1.000	25.40	330	491	632	941
383990*	30	14	7W	0.030	0.76	0.080	2.03	1.050	26.67	398	592	731	1088
384000*	37	14	7W	0.030	0.76	0.080	2.03	1.130	28.70	490	730	899	1338
12 AWG CONDUCTORS													
233320*	2 Flat	12	7W	0.030	0.76	0.045	1.14	.250 x .400	6.35 x 10.16	42	63	85	126
239670	2	12	7W	0.030	0.76	0.045	1.14	0.410	10.41	42	63	98	146
233330	3	12	7W	0.030	0.76	0.045	1.14	0.435	11.05	64	95	127	189
239680	4	12	7W	0.030	0.76	0.045	1.14	0.475	12.07	85	126	160	238
239650	5	12	7W	0.030	0.76	0.045	1.14	0.520	13.21	106	158	194	289
243530	7	12	7W	0.030	0.76	0.060	1.52	0.595	15.11	168	251	264	393
239620	9	12	7W	0.030	0.76	0.060	1.52	0.695	17.65	191	285	345	513
252360	12	12	7W	0.030	0.76	0.060	1.52	0.780	19.81	255	380	435	647
252230	19	12	7W	0.030	0.76	0.080	2.03	0.955	24.26	403	600	690	1027
384010*	25	12	7W	0.030	0.76	0.080	2.03	1.095	27.81	515	767	858	1277
384020*	30	12	7W	0.030	0.76	0.080	2.03	1.175	29.85	618	920	997	1484
384030*	37	12	7W	0.030	0.76	0.080	2.03	1.265	32.13	741	1103	1393	2073
10 AWG CONDUCTORS													
384040*	2 Flat	10	7W	0.030	0.76	0.045	1.14	.270 x .445	6.86 x 11.30	66	98	117	174
243540	2	10	7W	0.030	0.76	0.045	1.14	0.455	5.26	67	100	126	188
239630	3	10	7W	0.030	0.76	0.045	1.14	0.485	12.32	100	150	176	262
233310	4	10	7W	0.030	0.76	0.060	1.52	0.560	14.22	134	199	240	357
262680	5	10	7W	0.030	0.76	0.060	1.52	0.615	15.62	167	249	291	433
375010*	7	10	7W	0.030	0.76	0.060	1.52	0.670	17.02	234	349	376	560
235680	9	10	7W	0.030	0.76	0.060	1.52	0.765	19.43	302	449	456	679
375470	12	10	7W	0.030	0.76	0.080	2.03	0.905	22.99	404	601	636	946

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

Product Construction:

Conductor:
- 14 AWG thru 10 AWG fully annealed stranded tinned copper per ASTM B33
- Class B stranding per ASTM B8

Insulation:
- Flame-retardant Cross-linked Polyethylene (XLPE)
- Color-coded per ICEA Method 1, Table E-1

Jacket:
- Lead-free Cross-linked Chlorinated Polyethylene (XL-CPE)

Applications:
- In free air, raceways or direct burial
- In wet or dry locations
- Permitted for use in Class I, Div. 2 industrial hazardous locations per NEC Article 501 and Class 1 circuits per NEC

Features:
- Rated at 90˚C wet or dry
- Ripcord applied to all cables with jacket thickness of 60 mils or less
- Excellent physical, thermal and electrical properties
- Excellent moisture resistance
- Excellent resistance to crush, compression cuts and heat deformation
- Excellent flame resistance
- Oil Res I & II
- “Heavy Duty” rating per ICEA standards
- Sunlight- and weather-resistant
- Excellent low temperature cold bend characteristics
- Meets cold bend test at -40˚C

Compliances:
Industry Compliances:
- UL 44 Type XHHW-2
- UL 1277 Type TC, UL File # E57179
- UL 1581
- ICEA S-73-532/NEMA WC57

Flame Test Compliances:
- UL 1581/UL 2556 VW-1
- UL 1685 Vertical Flame Test
- IEEE 383
- IEEE 1202
- CSA FT4
- ICEA T-29-520

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

UL LISTED

RoHS Compliant
Directive 2011/65/EU

General Cable