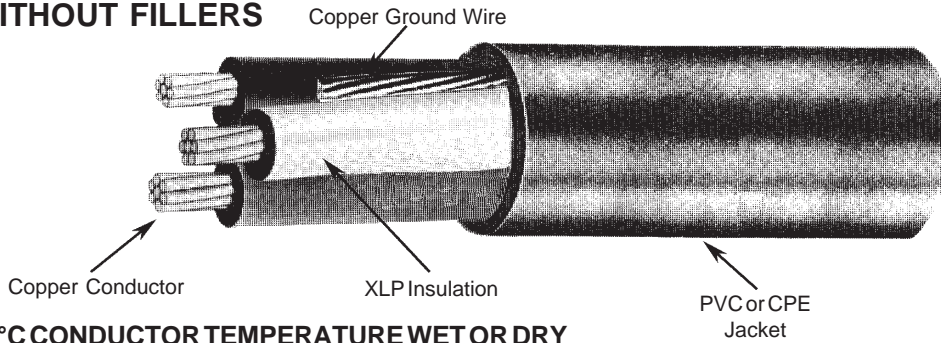


**TYPE TC TRAY CABLE, 600 VOLT,  
CROSS-LINKED POLYETHYLENE INSULATION (XHHW-2)  
WITHOUT FILLERS**

**SPEC 6-15-3**  
Ver. 7.0  
Revised: 05/24/06



**90°C CONDUCTOR TEMPERATURE WET OR DRY**

Conductor			Insulation in Mils	Overall Jacket in Mils	Size AWG Copper Ground Wire	Approximate O.D. in Inches	Ampacity		Approximate Net Weight LBS/KFT
Size AWG or KCMIL	No. of Strands*	Nominal O.D.					90°C <sup>1</sup>	90°C <sup>2</sup>	

**THREE CONDUCTOR 600 VOLT**

8	7	0.14	45	60	8	0.68	55	48	310
6	7	0.18	45	60	8	0.75	75	65	420
4	7	0.23	45	80	8	0.89	95	89	620
2	7	0.28	45	80	6	1.02	130	119	915
1	19	0.32	55	80	6	1.15	150	137	1125
1/0	19	0.36	55	80	6	1.24	170	163	1350
2/0	19	0.41	55	80	6	1.33	195	186	1635
3/0	19	0.46	55	80	4	1.44	225	214	2040
4/0	19	0.51	55	80	4	1.56	260	253	2485
250	37	0.56	65	110	4	1.77	290	276	3010
300	37	0.61	65	110	3	1.88	320	317	3550
350	37	0.66	65	110	3	1.99	350	345	4060
400	37	0.71	65	110	3	2.09	380	371	4570
500	37	0.79	65	110	2	2.26	430	427	5610
600	61	0.87	80	110	2	2.50	475	468	6695
750	61	0.97	80	110	1	2.72	535	529	8255
1000	61	1.12	80	140	1/0	3.10	615	617	10970

**FOUR CONDUCTOR 600 VOLT**

8	7	0.14	45	60	8	0.74	44	38	385
6	7	0.18	45	60	8	0.82	60	52	525
4	7	0.23	45	80	8	0.98	76	71	780
2	7	0.28	45	80	6	1.12	104	95	1160
1	19	0.32	55	80	6	1.27	120	110	1435
1/0	19	0.36	55	80	6	1.36	136	130	1740
2/0	19	0.41	55	80	6	1.47	156	149	2115
3/0	19	0.46	55	80	4	1.59	180	171	2635
4/0	19	0.51	55	110	4	1.78	208	202	3320
250	37	0.56	65	110	4	1.95	232	221	3895
300	37	0.61	65	110	3	2.08	256	254	4600
350	37	0.66	65	110	3	2.20	280	276	5275
400	37	0.71	65	110	3	2.31	304	297	5955
500	37	0.79	65	110	2	2.51	344	342	7320
600	61	0.87	80	140	2	2.83	380	374	8905
750	61	0.97	80	140	1	3.08	428	423	10975
1000	61	1.12	80	140	1/0	3.44	492	494	14350

**Note:**<sup>1</sup>Based on cables installed in uncovered cable tray at the conductor temperature indicated, 30°C ambient temperature per NEC.

The above data is approximate and subject to normal manufacturing tolerances.

<sup>2</sup>Based on cables in raceway in free air, 30°C ambient temperature per NEC.

\*19W strand is combination unilay per ASTM 787.

**STANDARDS AND RATINGS:**

1. Listed by UL as Type TC per Standard 1277.
2. Conforms to ICEA S-95-658/NEMA WC70 Nonshielded 0-2KV Cables.
3. Listed by UL as Sunlight Resistant.
4. Listed by UL as Direct Burial.

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