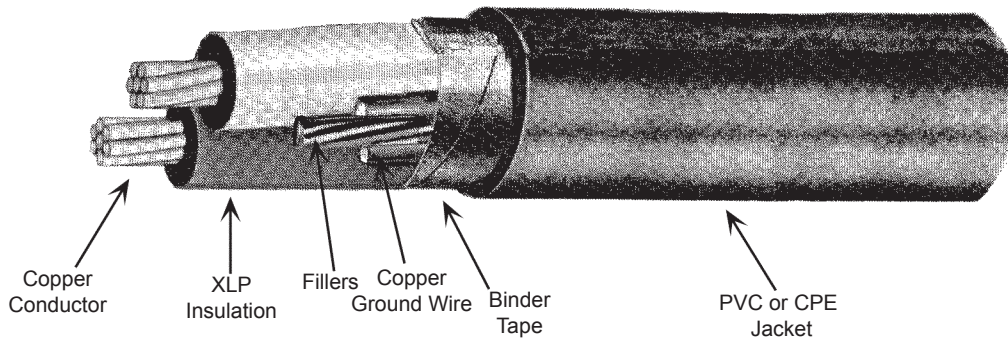


**TYPE TC, TYPE TC-ER TRAY CABLE, 600 VOLT, (RHW-2/USE-2)  
OR 1000 VOLT, (RW90), CROSS-LINKED POLYETHYLENE  
INSULATION**

**SPEC 6-45-1.1**

Ver. 7.1

Revised: 01/20/09



**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>	

**TWO CONDUCTOR 600 VOLT**

8	7	0.14	60	60	8	0.70	55	48	285
6	7	0.18	60	60	8	0.78	75	65	365
4	7	0.23	60	80	8	0.91	95	89	525
2	7	0.28	60	80	6	1.03	130	119	750
1	19	0.32	80	80	6	1.19	150	137	940
1/0	19	0.36	80	80	6	1.27	170	163	1105
2/0	19	0.41	80	80	6	1.36	195	186	1315
3/0	19	0.46	80	80	4	1.46	225	214	1625
4/0	19	0.51	80	80	4	1.57	260	253	1950
250	37	0.56	95	110	4	1.79	290	276	2385
300	37	0.61	95	110	3	1.90	320	317	2790
350	37	0.66	95	110	3	2.00	350	345	3165
400	37	0.71	95	110	3	2.09	380	371	3535
500	37	0.79	95	110	2	2.25	430	427	4300
600	61	0.87	110	110	2	2.47	475	468	5100
750	61	0.97	110	110	1	2.68	535	529	6240
1000	61	1.12	110	140	1/0	3.03	615	617	8255

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

<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.

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

**STANDARDS AND RATINGS:**

1. Listed by UL as Type TC per Standard 1277 & IEEE 1202.
2. Listed by UL as Type TC-ER per Standard 1277. (4AWG & larger, PVC jacketed only)
3. Conforms to ICEA S-95-658/NEMA WC70 Nonshielded 0-2KV Cables.
4. Listed by UL as Sunlight Resistant.
5. Listed by UL as Direct Burial.

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