

basic wire and cable

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TYPE TC-G

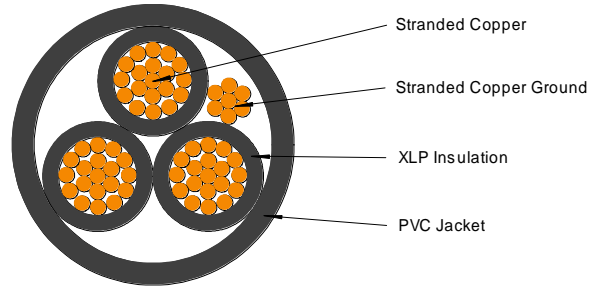
TRAY CABLE

Three-, Four Conductors w/Ground

XLP Insulation

PVC Jacket

600 Volts, 90°C Wet/Dry



APPLICATIONS:

As three- or four-conductor power cables rated 600 volts, 90°C in dry or wet locations; specifically approved for installation in cable trays per Article 336 of the NEC. Type TC cables are permitted for use in Class I Division 2 industrial hazardous locations per NEC. Cables may be installed in free air, raceways or direct burial, in wet or dry locations. All cables when used in accordance with the NEC, meet the requirements of OSHA. Suitable for use as Wind Turbine Tray Cable.

CONSTRUCTION:

Stranded copper conductors, XLP insulated, Method 4 phase-identified, insulated conductors cabled with a stranded copper grounding conductor in one interstice, cable tape, PVC jacket overall, surface printed.

STANDARDS:

1. Conductors conform to ASTM B-3 & B-8.
2. Insulation conforms to UL Standard 44.
3. Type TC Cable UL 1277 and Type WTTC UL 2277 (1000V)
4. UL 1685 Vertical Flame Test
5. CSA FT4 or IEEE1202 and IEEE-383.
6. Sunlight Resistant
7. Cables meet requirements of ICEA S-73-532 and ICEA S-95-658/NEMA WC70.
8. Cable Suitable for use between cable tray and utilization equipment per NEC 336.10(7) if marked "-ER"
9. 2 conductors or more suitable for direct burial applications

SIZE/ AWG. KCMIL	GRD. COND. SIZE/AWG	BASIC CAT. NO.	O.D. in.	WEIGHT lbs/mft	BASIC CAT. NO.	O.D. in.	WEIGHT lbs/mft
THREE CONDUCTORS				FOUR CONDUCTORS			
8	10	6-2603	.64	314	6-2604	.71	385
6	8	6-2613	.73	445	6-2614	.80	558
4	8	6-2623	.86	653	6-2624	.94	820
2	6	6-2633	.98	964	6-2634	1.08	1214
1	6	6-2643	1.12	1199	6-2644	1.23	1704
1/0	6	6-2653	1.20	1414	6-2654	1.33	1825
2/0	6	6-2663	1.29	1706	6-2664	1.42	2223
3/0	4	6-2673	1.42	2437	6-2674	1.57	3123
4/0	4	6-2683	1.53	2600	6-2684	1.75	3444
250	4	6-2693	1.74	3142	6-2694	1.92	4048
300	4	6-2703	1.84	3670	6-2704	2.04	4790
350	3	6-2713	1.95	4230	6-2714	2.16	5470
400	3	6-2723	2.06	4760	6-2724	2.28	6210
500	2	6-2733	2.23	5829	6-2734	2.48	7579
600	2	6-2743	2.47	6950	6-2744	2.80	9230
750	1	6-2753	2.77	9101	6-2754	3.07	11746
1000	1/0	6-2763	3.07	11780	6-2764	3.41	15300

OPTIONS: Also available with, -SH Mylar Aluminum Foil Shield, -CT Copper Tape Shield, Voltage 1 or 2kV

Dimensional data not binding, we reserve the right to alter specifications without notice.

SHIPPING TOLERANCE +/- 10%

