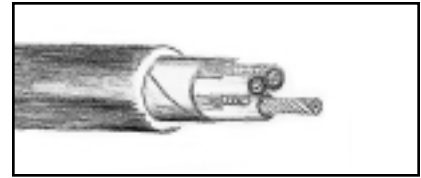




Little Rock  
1-800-945-5542

Houston  
1-888-388-6280

Baton Rouge  
1-888-754-5707



<http://www.prioritywire.com>

# TRAY CABLE POWER

## Type TC, UL 1277 THHN/THWN Insulation PVC Jacket Copper Conductors 600 Volt 90°C With Ground Wires

**Application:** Multi-conductor Power Cables, 600 Volts. **Installation:** In cable trays, raceways with messenger wire, open air, conduit, direct burial, also in plants in ladder, ventilated troughs or channel. • May be installed in both wet or dry locations or in areas exposed to chemicals and oils. • Maximum Conductor Temperatures (continuous): THWN Wet locations: 75°C THHN Dry locations: 90°C • Ampacity: See Ampacity Tables located in Technical Reference Section in this catalog.

**Specifications:** • **Conductors:** Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8. Size 8 - 500 MCM AWG • **Conductor Jacket:** Clear Nylon jacket per UL Standards 83. • **Insulation:** Both heat and moisture resistant Polyvinylchloride (PVC) per UL Standards 83. • **Assembly:** Conductors are cabled together with or without fillers as required to form a round, compact cable core and with a binder tape. • **Grounding Conductors:** when required per UL Standard 1277, bare copper ground wires.

• **Cable Jacket:** Sunlight resistant PVC rated 90°C per UL Standard 1277. • **Flame Test:** Cable passes IEEE 383 vertical tray ribbon-burner flame test.

Catalog No.	Size AWG	No. of Conductors	No. of Strands	Insulation Thickness	Nylon Thickness	Ground Wire Size	PVC Jacket Thickness Mils	Overall Diameter	Net Weight
P01L6	8	3	7	30 mils	5 mils	10	60	.610"	312 lbs/mft
P02L6	8	4	7	30 mils	5 mils	10	60	.660"	380 lbs/mft
P03L6	6	3	7	30 mils	5 mils	8	60	.690"	450 lbs/mft
P04L6	6	4	7	30 mils	5 mils	8	60	.750"	551 lbs/mft
P05L6	4	3	7	40 mils	6 mils	8	60	.860"	704 lbs/mft
P06L6	4	4	7	40 mils	6 mils	8	80	.970"	878 lbs/mft
P07L6	2	3	7	40 mils	6 mils	6	80	1.020"	1025 lbs/mft
P08L6	2	4	7	40 mils	6 mils	6	80	1.120"	1280 lbs/mft
P09L6	1	3	19	50 mils	7 mils	6	80	1.130"	1205 lbs/mft
P10L6	1	4	19	50 mils	7 mils	6	80	1.250"	1640 lbs/mft
P11L6	1/0	3	19	50 mils	7 mils	6	80	1.220"	1515 lbs/mft
P12L6	1/0	4	19	50 mils	7 mils	6	80	1.350"	1930 lbs/mft
P13L6	2/0	3	19	50 mils	7 mils	6	80	1.310"	1835 lbs/mft
P14L6	2/0	4	19	50 mils	7 mils	6	80	1.440"	2430 lbs/mft
P15L6	3/0	3	19	50 mils	7 mils	4	80	1.420"	2250 lbs/mft
P16L6	3/0	4	19	50 mils	7 mils	4	80	1.570"	2880 lbs/mft
P17L6	4/0	3	19	50 mils	7 mils	4	80	1.540"	2741 lbs/mft
P18L6	4/0	4	19	50 mils	7 mils	4	80	1.780"	3610 lbs/mft
P19L6	250	3	37	60 mils	8 mils	4	110	1.760"	3320 lbs/mft
P20L6	250	4	37	60 mils	8 mils	4	110	1.950"	4240 lbs/mft
P21L6	350	3	37	60 mils	8 mils	3	110	1.980"	4320 lbs/mft
P22L6	350	4	37	60 mils	8 mils	3	110	2.200"	5700 lbs/mft
P23L6	500	3	37	60 mils	8 mils	2	110	2.260"	6190 lbs/mft
P24L6	500	4	37	60 mils	8 mils	2	110	2.510"	7880 lbs/mft

\* Shipping Tolerances +/-10%