



Tray Cable Composite Power & Control UL Type TC / TC-ER – 600V THHN Insulation – PVC Jacket

PWC Part Number	Power Conductors					Control Conductors					Overall Diameter	Weight LBS/1000'
	Size AWG	No. of Cond.	Ground Wire Size	Insulation Thickness	Nylon Thickness	Size AWG	No. of Cond.	Insulation Thickness	Nylon Thickness	Jacket Thickness		
PWC01L7	12	3	12	.015"	.004"	14	4	.015"	.004"	.045"	.450"	190
PWC02L7	10	3	10	.020"	.004"	14	4	.015"	.004"	.060"	.550"	265
PWC03L7	8	3	10	.030"	.005"	14	4	.015"	.004"	.060"	.675"	350
PWC04L7	6	3	8	.030"	.005"	14	4	.015"	.004"	.060"	.720"	458
PWC05L7	4	3	8	.040"	.006"	14	4	.015"	.004"	.080"	.930"	707
PWC06L7	2	3	6	.040"	.006"	14	4	.015"	.004"	.080"	1.02"	980
PWC07L7	10	3	10	.020"	.004"	12	4	.015"	.004"	.060"	.580"	280
PWC08L7	8	3	10	.030"	.005"	12	4	.015"	.004"	.060"	.715"	292
PWC09L7	6	3	8	.030"	.005"	12	4	.015"	.004"	.060"	.760"	505
PWC10L7	4	3	8	.040"	.006"	12	4	.015"	.004"	.080"	.940"	735
PWC11L7	2	3	6	.040"	.006"	12	4	.015"	.004"	.080"	1.015"	1030

All values are nominal and subject to correction.

Application: Power, control, signal, communication and lighting circuits, For installation in cable trays in accordance with Article 336. Cable is approved for use in raceways, supported by messenger wire in open air, for direct burial applications, in Class I & II division 2 hazardous locations and for Class 1 circuits as permitted in Article 725.11(b). May be installed in both wet and dry locations or in areas exposed to chemicals and oils.

Conductors: Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8

Insulation: Heat and moisture resistant Polyvinylchloride (PVC) per UL 62.
Clear Polyamide (Nylon) jacket per UL 62.

Color Code: Power conductors Method 4, Control Conductors Method 1-E2

Assembly: Conductors are cabled together with or without fillers as required to form a round, compact cable core and with a binder tape.

Jacket: Sunlight resistant black PVC rated 90°C per UL 1277.

Flame Test: IEEE 383 70,000 BTU vertical tray flame test

L7

1-800-945-5542

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