



Tray Cable UL Type TC / TC-ER – 600V XHHW Insulation – CPE Jacket

PWC Part Number	Size AWG	No. of Conductors	No. of Strands	Insulation Thickness	Jacket Thickness	Overall Diameter	Weight LBS/1000'
PWC01L12 **	12	2	7	0.030"	.045"	.250" x .410"	95
PWC02L12	12	3	7	0.030"	.045"	.435"	135
PWC03L12	12	4	7	0.030"	.045"	.475"	168
PWC04L12	12	5	7	0.030"	.060"	.550"	214
PWC05L12	12	7	7	0.030"	.060"	.600"	290
PWC06L12	12	9	7	0.030"	.060"	.690"	360
PWC07L12	12	12	7	0.030"	.060"	.760"	460
PWC08L12	12	19	7	0.030"	.080"	.950"	663
PWC09L12	12	25	7	0.030"	.080"	1.08"	850
PWC10L12	12	30	7	0.030"	.080"	1.17"	1003
PWC11L12	12	37	7	0.030"	.080"	1.27"	1211
PWC12L12 **	10	2	7	0.030"	.045"	.275" x .460"	131
PWC13L12	10	3	7	0.030"	.045"	.480"	169
PWC14L12	10	4	7	0.030"	.060"	.560"	231
PWC15L12	10	5	7	0.030"	.060"	.615"	276
PWC16L12	10	7	7	0.030"	.060"	.670"	328
PWC17L12	10	9	7	0.030"	.060"	.780"	465
PWC18L12	10	12	7	0.030"	.080"	.900"	629
PWC19L12	10	19	7	0.030"	.080"	1.07"	900

** Flat Construction

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 tinned annealed copper per ASTM B-33, Class B stranding per ASTM B-8

Insulation: Heat and moisture resistant Cross-linked Polyethylene (FR-XLPE) VW-1 XHHW-2 per UL 44.

Color Code: ICEA Method 1, E2 or E1 (Formerly K2 or K1)

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 Chlorinated Polyethylene CPE rated 90°C per UL 1277.

Flame Test: IEEE 383 70,000 BTU vertical tray flame test
IEEE 1202 70,000 BTU flame test
Insulated conductors pass VW-1 flame test
ICEA-T-29-520 210,000 BTU flame test

L12

1-800-945-5542

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