

ALUMINUM TRAY CABLE

UL TYPE TC/TC-ER ● XHHW-2 INSULATION ● PVC JACKET ● WITH GROUND ● 600V

Functional equivalent for **Copper XLPE & VNTC**

 Less Expensive than Copper Tray Cable

 Lighter and Easier to Work With

 Available with 3 & 4 conductors

ALUMINUM TO COPPER TRAY CABLE CONVERSIONS

Alum. TC Part Number	Aluminum Conductor Tray Cable					Copper Conductor Tray Cable				
	Conductor Size	Ground Size	Cable OD	Cable Weight	Ampacity* @90°	Conductor Size	Ground Size	Cable OD	Cable Weight	Ampacity* @90°
	AWG/kcmil	AWG/kcmil	inch	lbs/kft		AWG/kcmil	AWG/kcmil	inch	lbs/kft	
3 Conductor Cable										
6-03TCG-XLP-ALUM	6	8	0.64	208	55	8	10	0.61	303	55
4-03TCG-XLP-ALUM	4	6	0.78	313	75	6	8	0.73	421	75
2-03TCG-XLP-ALUM	2	6	0.94	454	100	4	8	0.86	648	95
1/0-03TCG-XLP-ALUM	1/0	4	1.13	673	135	2	6	0.99	963	130
2/0-03TCG-XLP-ALUM	2/0	4	1.22	786	150	1	6	1.11	1156	145
3/0-03TCG-XLP-ALUM	3/0	4	1.32	929	175	1/0	6	1.21	1452	170
4/0-03TCG-XLP-ALUM	4/0	2	1.43	1126	205	1/0	6	1.21	1452	170
						2/0	6	1.30	1737	195
250-03TCG-XLP-ALUM	250	2	1.58	1332	230	3/0	4	1.41	2123	225
300-03TCG-XLP-ALUM	300	2	1.69	1528	260	4/0	4	1.53	2577	260
350-03TCG-XLP-ALUM	350	2	1.84	1821	280	4/0	4	1.53	2577	260
						250	4	1.74	3129	290
500-03TCG-XLP-ALUM	500	1	2.10	2420	350	350	3	1.96	4346	350
600-03TCG-XLP-ALUM	600	1	2.37	2920	385	400	3	2.01	4870	380
750-03TCG-XLP-ALUM	750	1/0	2.52	3458	435	500	2	2.23	5848	430
4 Conductor Cable										
8-04TCG-XLP-ALUM	8	8	0.67	201	36	10	10	0.59	240	30**
2-04TCG-XLP-ALUM	2	6	1.04	519	80	4	8	0.92	804	76
1/0-04TCG-XLP-ALUM	1/0	4	1.25	764	108	2	6	1.05	1185	104
4/0-04TCG-XLP-ALUM	4/0	2	1.57	1406	164	2/0	6	1.42	2144	156
500-04TCG-XLP-ALUM	500	1	2.31	2972	280	350	3	2.09	5437	280

All values are nominal and subject to correction

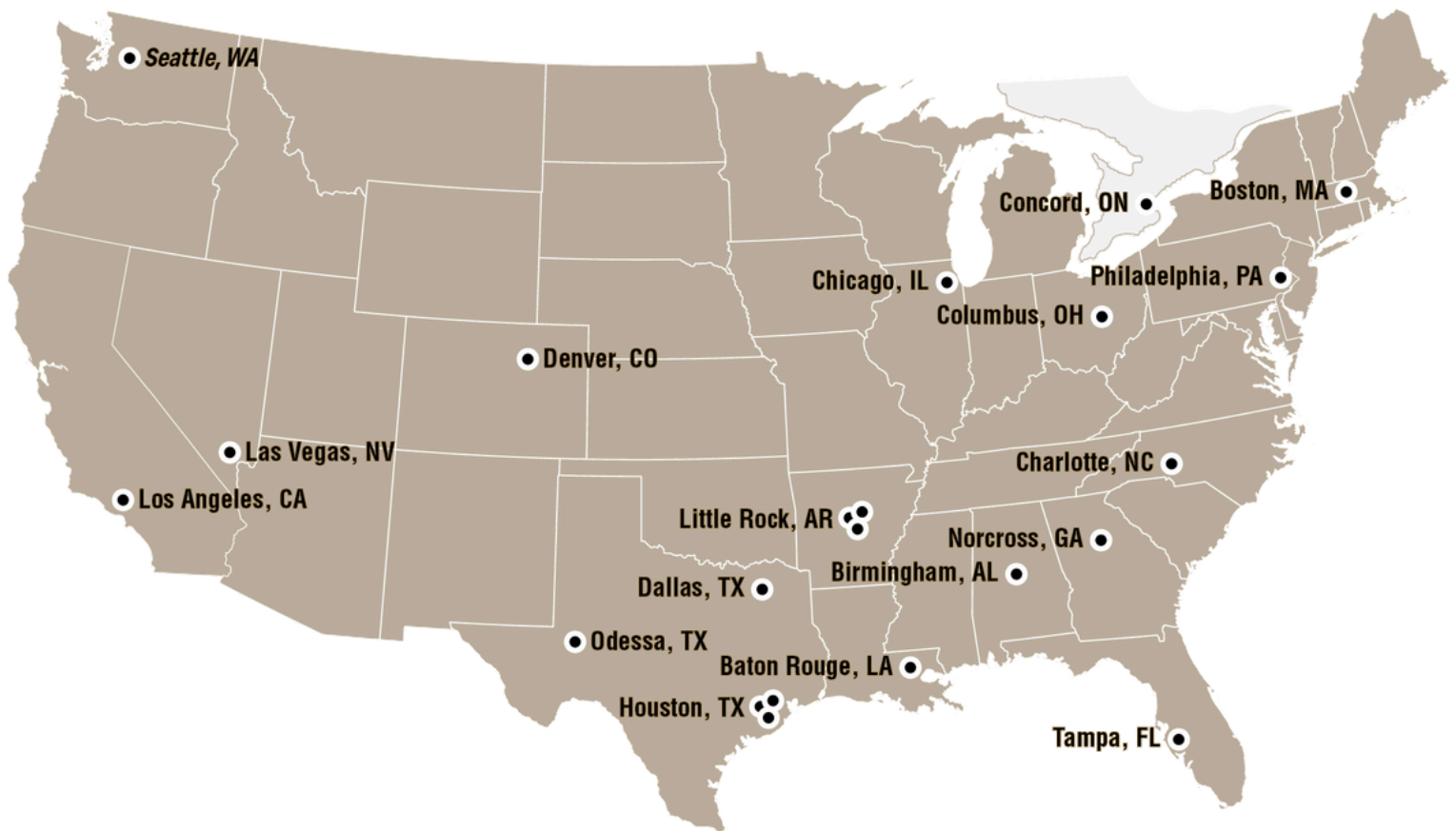
* Ampacities are based on Table 310.16 of the NEC, 2020 Edition, at ambient temperature of 30°C.

** Ampacity for over current protection per NEC article 240.4 (D) - Over current protection on 8awg AL may apply.

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