TD11A

Allowable insulated copper conductor ampacities for insulated conductors or cables rated not more than 5000V and unshielded for the installation configurations of Diagram D11

Size, AWG or kcmil	1/Phase Detail 1	2/Phase Detail 2	3/Phase Detail 3	4/Phase Detail 4	5/Phase Detail 5	6/Phase Detail 6	8/Phase Detail 8
1/0	205	185	169	158	147	139	130
2/0	233	210	192	179	166	157	147
3/0	266	239	218	202	188	178	166
4/0	303	271	247	229	212	201	187
250	335	298	271	251	232	219	204
300	370	329	298	276	255	241	224
350	403	357	323	299	276	261	242
400	434	384	347	320	295	279	259
500	489	430	388	357	329	310	288
600	539	472	424	390	359	339	314
750	601	524	470	431	397	374	346
900	655	569	509	466	428	403	373
1000	683	593	530	485	445	419	388
1250	752	649	578	528	484	455	421
1500	804	691	614	561	513	482	445
1750	847	726	644	587	537	504	466
2000	901	744	659	601	549	515	476

1. This table provides the allowable ampacities for 90°C rated copper conductor cables containing not more than three current-carrying conductors or three single copper current-carrying conductors in contact, installed in underground raceway.
2. Underground ampacities for an insulated conductor or cable temperature of 75°C may be obtained by multiplying the appropriate allowable ampacity at 90°C conductor insulation temperature by the derating factor 0.886.
3. See Rule 4-006 for equipment termination temperature requirements.

TD11A MODIFIED

Allowable insulated copper conductor ampacities for insulated conductors or cables rated not more than 5000V and unshielded for the installation configurations of Diagram D11

Size, AWG or kcmil	**X1**/Phase Detail 1 **total**	**X2**/Phase Detail 2 **total**	**X3**/Phase Detail 3 **total**	**X4**/Phase Detail 4 **total**	**X5**/Phase Detail 5 **total**	**X6**/Phase Detail 6 **total**	**X8**/Phase Detail 8 **total**
1/0	181.63	327.82	449.20	559.95	651.21	738.92	921.44
2/0	206.44	372.12	510.34	634.38	735.38	834.61	1,041.94
3/0	235.68	423.51	579.44	715.89	832.84	946.25	1,176.61
4/0	268.46	480.21	656.53	811.58	939.16	1,068.52	1,325.46
250	296.81	528.06	720.32	889.54	1,027.76	1,164.20	1,445.95
300	327.82	582.99	792.08	978.14	1,129.65	1,281.16	1,587.71
350	357.06	632.60	858.53	1,059.66	1,222.68	1,387.48	1,715.30
400	384.52	680.45	922.33	1,134.08	1,306.85	1,483.16	1,835.79
500	433.25	761.96	1,031.30	1,265.21	1,457.47	1,647.96	2,041.34
600	477.55	836.38	1,126.99	1,382.16	1,590.37	1,802.12	2,225.63
750	532.49	928.53	1,249.26	1,527.46	1,758.71	1,988.18	2,452.45
900	580.33	1,008.27	1,352.92	1,651.50	1,896.04	2,142.35	2,643.82
1000	605.14	1,050.80	1,408.74	1,718.84	1,971.35	2,227.40	2,750.14
1250	666.27	1,150.03	1,536.32	1,871.23	2,144.12	2,418.78	2,984.05
1500	712.34	1,224.45	1,632.01	1,988.18	2,272.59	2,562.31	3,154.16
1750	750.44	1,286.47	1,711.75	2,080.33	2,378.91	2,679.26	3,303.01
2000	798.29	1,318.37	1,751.62	2,129.94	2,432.07	2,737.74	3,373.89

1. This table provide the **TOTAL** allowable ampacities for parallel runs at **75**°C rated copper conductor cables containing not more than three current-carrying conductors or three single copper current-carrying conductors in contact, installed in underground raceway.