



TELE-FONIKA CABLE AMERICAS

DLO Allowable Ampacity Chart (90°C Copper Conductor Temperature)

AWG/KCMIL	Allowable Ampacities of <u>single</u> conductor in <u>FREE AIR</u>			Allowable Ampacities for not more than <u>three</u> conductors in <u>raceway, cable or earth.</u>			Allowable Ampacities for <u>4-6</u> conductors in <u>raceway, cable or earth.</u>			Allowable Ampacities for <u>7-9</u> conductors in <u>raceway, cable or earth.</u>		
	<u>30°C</u> ambient	<u>40°C</u> ambient	<u>50°C</u> ambient	<u>30°C</u> ambient	<u>40°C</u> ambient	<u>50°C</u> ambient	<u>30°C</u> ambient	<u>40°C</u> ambient	<u>50°C</u> ambient	<u>30°C</u> ambient	<u>40°C</u> ambient	<u>50°C</u> ambient
DLO14	35	32	29	25	23	20	20	18	16	18	16	14
DLO12	40	36	33	30	27	25	24	22	20	21	19	18
DLO10	55	50	45	40	36	33	32	29	26	28	25	23
DLO8	80	73	66	55	50	45	44	40	36	39	35	32
DLO6	105	95	86	75	68	61	60	54	49	53	48	43
DLO4	140	127	115	95	86	78	76	69	62	67	60	55
DLO2	190	173	156	130	118	107	104	94	86	91	83	75
DLO1	220	200	180	150	136	123	120	109	98	105	95	86
DLO1/0	260	237	213	170	155	139	136	124	111	119	109	97
DLO2/0	300	273	246	195	177	160	156	142	128	137	124	112
DLO3/0	350	318	287	225	205	184	180	164	147	158	144	129
DLO4/0	405	369	332	260	237	213	208	190	170	182	166	149
DLO262	471	429	386	297	270	238	238	216	190	208	189	167
DLO313	511	465	419	328	298	267	262	238	214	230	209	187
DLO373	590	537	484	364	331	298	291	265	238	255	232	209
DLO444	656	597	538	402	366	330	322	293	264	281	256	231
DLO535	731	665	599	446	406	366	357	325	293	312	284	256
DLO646	815	742	668	495	450	406	396	360	325	347	315	284
DLO777	905	824	742	546	497	448	437	398	358	382	348	314
DLO929	1005	915	824	594	541	487	475	433	390	416	379	341
DLO1111	1115	1015	914	637	580	522	510	464	418	446	406	365



TELE-FONIKA CABLE AMERICAS

DLO Allowable Ampacity Chart (75°C Copper Conductor Temperature)

AWG/KCMIL	Allowable Ampacities of <u>single</u> conductor in <u>FREE AIR</u>			Allowable Ampacities for not more than <u>three</u> conductors in <u>raceway, cable or earth.</u>			Allowable Ampacities for <u>4-6</u> conductors in <u>raceway, cable or earth.</u>			Allowable Ampacities for <u>7-9</u> conductors in <u>raceway, cable or earth.</u>		
	<u>30°C</u> ambient	<u>40°C</u> ambient	<u>50°C</u> ambient	<u>30°C</u> ambient	<u>40°C</u> ambient	<u>50°C</u> ambient	<u>30°C</u> ambient	<u>40°C</u> ambient	<u>50°C</u> ambient	<u>30°C</u> ambient	<u>40°C</u> ambient	<u>50°C</u> ambient
DLO14	30	26	23	20	18	15	16	14	12	14	12	11
DLO12	35	31	26	25	22	19	20	18	15	18	15	13
DLO10	50	44	38	35	31	26	28	25	21	25	22	18
DLO8	70	62	53	50	44	38	40	35	30	35	31	26
DLO6	95	84	71	65	57	49	52	46	39	46	40	34
DLO4	125	110	94	85	75	64	68	60	51	60	52	45
DLO2	170	150	128	115	101	86	92	81	69	81	71	60
DLO1	195	172	146	130	114	98	104	92	78	91	80	68
DLO1/0	230	202	173	150	132	113	120	106	90	105	92	79
DLO2/0	265	233	199	175	154	131	140	123	105	123	108	92
DLO3/0	310	273	233	200	176	150	160	141	120	140	123	105
DLO4/0	360	317	270	230	202	173	184	162	138	161	142	121
DLO262	415	365	311	262	231	197	210	184	157	183	161	138
DLO313	459	404	344	292	257	219	234	206	175	204	180	153
DLO373	523	460	392	322	283	242	258	227	193	225	198	169
DLO444	578	509	434	355	312	266	284	250	213	249	219	186
DLO535	645	568	484	394	347	296	315	277	236	276	243	207
DLO646	720	634	540	438	385	329	350	308	263	307	270	230
DLO777	801	705	601	483	425	362	386	340	290	338	298	254
DLO929	889	782	667	527	464	395	422	371	316	369	325	277
DLO1111	993	874	745	565	497	424	452	398	339	396	348	297