15 kV Shielded Three Conductor Extruded Dielectric Cable

in Underground Duct Bank - Single Circuit

25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
90°C - Copper Conductor - Concentric Strand						
2	159	154	155	147	150	141
1	182	176	176	167	171	160
1/0	208	200	201	191	195	182
2/0	237	228	229	217	222	207
3/0	270	260	261	247	253	235
4/0	309	296	298	281	288	267
250	339	325	327	308	316	293
350	411	392	395	370	380	351
500	495	472	475	444	456	420
750	607	577	580	539	555	508
1000	690	653	657	609	628	573
1000	690	653	657	609	628	573

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Underground Duct Bank - Single Circuit

25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
	75°C - Copper Conductor - Concentric Strand					
2	141	136	137	130	133	125
1	161	155	156	148	152	142
1/0	184	177	178	169	172	161
2/0	210	202	203	192	196	184
3/0	239	230	231	219	224	208
4/0	273	262	263	248	255	237
250	300	288	289	272	279	259
350	363	347	349	327	336	311
500	437	416	419	392	403	371
750	534	507	510	475	489	448
1000	606	573	577	535	551	503
1000	606	573	577	535	551	503

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Underground Duct Bank - Three Circuits

25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
90°C - Copper Conductor - Concentric Strand						
2	145	134	136	123	129	114
1	165	153	155	139	146	129
1/0	188	173	175	158	165	146
2/0	214	197	199	179	187	165
3/0	243	223	226	202	212	187
4/0	277	253	256	229	240	211
250	303	277	281	250	262	230
350	364	331	336	298	313	273
500	436	394	401	354	372	323
750	530	476	484	425	448	386
1000	598	535	543	475	502	431

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15 kV Shielded Three Conductor Extruded Dielectric Cable in Underground Duct Bank - Three Circuits

25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
75°C - Copper Conductor - Concentric Strand						
2	129	119	121	109	114	101
1	146	136	137	124	129	115
1/0	167	154	156	140	146	130
2/0	190	175	177	159	166	147
3/0	216	198	200	180	188	166
4/0	245	224	227	203	213	187
250	268	245	248	222	233	204
350	323	293	297	264	277	242
500	386	350	354	313	329	286
750	467	420	427	375	395	341
1000	525	471	479	418	441	379

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Underground Duct Bank - Six Circuits

25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
90°C - Copper Conductor - Concentric Strand						
2	129	115	116	101	107	91
1	146	130	132	114	121	103
1/0	166	147	149	129	136	116
2/0	188	166	168	146	154	130
3/0	213	187	190	164	174	147
4/0	241	211	215	185	196	165
250	263	231	234	202	213	179
350	314	275	278	239	252	212
500	374	326	330	283	298	249
750	450	391	395	337	355	296
1000	504	437	440	371	395	332

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Underground Duct Bank - Six Circuits

25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
75°C - Copper Conductor - Concentric Strand						
2	114	102	103	90	95	81
1	130	115	117	101	107	91
1/0	147	130	132	114	121	103
2/0	167	147	150	129	137	116
3/0	189	166	169	145	154	132
4/0	214	188	191	164	174	148
250	233	205	208	178	189	161
350	278	243	247	210	224	190
500	331	288	292	248	264	223
750	397	343	348	295	314	262
1000	443	382	387	326	348	289

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Underground Duct Bank - Nine Circuits

25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
90°C - Copper Conductor - Concentric Strand						
2	118	102	105	89	95	80
1	133	115	119	100	108	90
1/0	150	130	134	113	121	101
2/0	170	147	151	127	137	114
3/0	192	165	170	143	154	128
4/0	217	186	192	161	173	144
250	237	203	209	175	189	156
350	282	240	247	207	223	183
500	334	284	293	244	262	216
750	400	339	348	289	312	256
1000	447	376	387	321	345	283

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15 kV Shielded Three Conductor Extruded Dielectric Cable in Underground Duct Bank - Nine Circuits

25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
75°C - Copper Conductor - Concentric Strand						
2	104	91	93	79	85	71
1	118	103	105	89	96	80
1/0	134	116	119	101	108	90
2/0	151	131	134	113	122	101
3/0	171	147	151	127	137	114
4/0	193	166	170	143	154	128
250	210	180	186	156	167	139
350	250	213	220	184	197	163
500	296	251	260	216	232	192
750	353	299	307	255	275	226
1000	393	331	340	282	304	249

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

90°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	232	55	43.9	210	61	36.0	194	66	30.7
1	265	56	43.6	240	62	35.7	221	66	30.4
1/0	303	56	43.2	274	63	35.3	252	67	29.9
2/0	346	57	42.8	312	63	34.8	287	67	29.5
3/0	395	58	42.2	356	64	34.3	327	68	28.9
4/0	451	58	41.6	405	64	33.7	372	68	28.3
250	496	59	41.1	445	65	33.2	408	69	27.9
350	598	59	39.3	536	65	31.6	491	69	26.4
500	712	59	35.7	640	65	28.9	587	69	24.4
750	875	60	34.4	784	66	27.7	718	70	23.2
1000	997	60	33.5	892	66	26.9	816	70	22.5

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1686

15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

90°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					100% LF				
2	215	60	37.8	191	66	29.8	173	70	24.6
1	245	61	37.2	217	67	29.2	197	71	24.1
1/0	279	61	36.8	247	68	28.8	224	72	23.6
2/0	318	62	36.2	281	68	28.2	254	72	23.1
3/0	362	63	35.5	319	69	27.6	288	73	22.5
4/0	412	63	34.8	362	70	26.9	327	73	21.9
250	452	64	34.2	397	70	26.4	357	74	21.4
350	543	65	32.3	475	71	24.8	428	74	20.1
500	644	64	29.3	565	70	22.5	508	74	18.4
750	786	65	27.8	686	71	21.2	616	75	17.2
1000	890	66	26.7	775	72	20.3	695	76	16.3

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

80°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	217	50	37.1	196	56	30.6	181	59	26.1
1	248	51	36.9	224	56	30.2	207	60	25.7
1/0	283	52	36.6	256	57	29.9	235	60	25.3
2/0	323	52	36.2	291	57	29.5	268	61	24.9
3/0	369	53	35.7	332	58	29.0	305	61	24.5
4/0	421	53	35.2	378	58	28.5	347	62	23.9
250	463	54	34.8	416	59	28.1	381	62	23.5
350	558	54	33.2	500	59	26.7	458	63	22.4
500	663	53	30.3	596	59	24.4	547	62	20.6
750	814	54	29.2	729	59	23.4	668	63	19.7
1000	926	55	28.4	828	60	22.7	757	63	19.0

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1688

15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

80°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
				100% LF					
2	201	55	31.9	178	60	25.1	162	63	20.7
1	229	55	31.5	203	61	24.8	184	64	20.3
1/0	261	56	31.1	231	61	24.3	209	65	19.9
2/0	297	56	30.6	262	62	23.9	237	65	19.5
3/0	338	57	30.1	298	62	23.4	269	65	19.1
4/0	385	58	29.5	338	63	22.8	305	66	18.5
250	422	58	29.0	370	63	22.2	334	66	18.1
350	507	59	27.3	443	64	20.9	399	67	17.1
500	600	58	24.8	526	63	19.1	474	66	15.5
750	731	59	23.6	638	64	18.0	573	67	14.6
1000	827	60	22.6	719	65	17.2	645	68	13.9

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

75°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	208	48	33.8	189	53	27.8	174	56	23.7
1	238	49	33.5	215	53	27.4	198	57	23.4
1/0	272	49	33.2	246	54	27.1	226	57	23.0
2/0	310	50	32.9	280	54	26.8	257	58	22.6
3/0	355	50	32.5	319	55	26.4	293	58	22.3
4/0	405	51	32.1	364	55	25.9	333	58	21.8
250	445	51	31.7	399	56	25.6	366	59	21.4
350	536	51	30.2	480	56	24.3	440	59	20.4
500	637	51	27.6	572	56	22.3	524	59	18.8
750	780	52	26.6	699	56	21.3	640	59	17.9
1000	887	52	25.8	793	57	20.7	725	60	17.3

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1690

15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

75°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
				100% LF					
2	193	52	29.0	171	57	22.9	156	60	18.9
1	220	52	28.7	195	57	22.5	177	60	18.6
1/0	251	53	28.3	222	58	22.1	201	61	18.1
2/0	286	54	27.8	252	58	21.7	228	61	17.7
3/0	325	54	27.4	286	59	21.2	258	62	17.3
4/0	370	55	26.8	325	59	20.7	293	62	16.8
250	406	55	26.4	356	60	20.2	320	63	16.4
350	486	56	24.9	426	60	19.0	383	63	15.4
500	576	55	22.6	505	60	17.4	454	63	14.1
750	701	56	21.4	612	61	16.3	549	63	13.2
1000	792	57	20.6	689	61	15.6	618	64	12.6

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

65°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	189	44	27.0	171	47	22.2	158	50	18.9
1	216	44	26.8	196	48	22.0	180	50	18.7
1/0	247	44	26.6	223	48	21.8	205	51	18.4
2/0	282	45	26.3	254	49	21.5	234	51	18.1
3/0	322	45	26.0	290	49	21.1	266	51	17.8
4/0	367	46	25.6	330	49	20.7	303	52	17.5
250	404	46	25.4	362	50	20.4	332	52	17.1
350	487	46	24.2	436	50	19.4	399	52	16.3
500	577	46	22.0	518	49	17.8	475	52	15.0
750	706	46	21.2	632	50	17.0	578	53	14.3
1000	801	47	20.7	716	51	16.5	654	53	13.8

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

65°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
				100% LF					
2	175	47	23.3	156	50	18.4	141	53	15.2
1	200	47	23.0	177	51	18.0	161	53	14.9
1/0	228	47	22.6	201	51	17.7	182	54	14.6
2/0	259	48	22.3	229	52	17.4	207	54	14.3
3/0	295	48	22.0	260	52	17.0	235	54	13.9
4/0	336	49	21.4	295	52	16.5	266	55	13.5
250	368	49	21.0	323	53	16.2	291	55	13.2
350	441	50	19.9	386	53	15.3	347	55	12.4
500	522	49	18.1	457	53	13.9	412	55	11.3
750	634	50	17.2	553	54	13.1	496	56	10.6
1000	715	51	16.5	621	54	12.5	557	56	10.1

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

50°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	153	37	16.9	139	39	13.8	128	41	11.8
1	175	37	16.8	158	39	13.7	146	41	11.7
1/0	200	37	16.7	181	40	13.6	166	41	11.5
2/0	228	37	16.5	206	40	13.3	189	41	11.4
3/0	261	38	16.2	234	40	13.2	215	42	11.1
4/0	297	38	16.0	267	40	13.0	245	42	10.9
250	327	38	15.8	293	40	12.7	268	42	10.7
350	393	38	15.2	352	41	12.2	322	42	10.2
500	465	38	13.8	417	40	11.1	382	42	9.4
750	567	38	13.3	507	41	10.7	464	42	8.9
1000	641	39	13.0	572	41	10.4	522	43	8.6

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

50°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					100% LF				
2	142	39	14.5	126	41	11.4	114	43	9.4
1	162	39	14.4	143	41	11.3	130	43	9.3
1/0	184	39	14.1	163	41	11.1	147	43	9.1
2/0	210	39	13.9	185	42	10.9	167	43	8.9
3/0	239	40	13.7	210	42	10.6	190	43	8.7
4/0	272	40	13.4	238	42	10.3	215	44	8.5
250	298	40	13.2	261	42	10.1	235	44	8.2
350	357	40	12.5	312	43	9.6	280	44	7.8
500	421	40	11.3	368	43	8.7	331	44	7.1
750	509	41	10.7	443	43	8.2	398	44	6.6
1000	572	41	10.3	497	43	7.8	445	45	6.3

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

90°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	209	61	35.8	186	67	28.3	169	71	23.4
1	239	62	35.3	211	68	27.7	192	72	22.9
1/0	272	63	34.8	240	69	27.2	218	73	22.4
2/0	309	64	34.2	273	69	26.7	247	73	21.9
3/0	352	64	33.5	310	70	26.0	280	74	21.3
4/0	400	65	32.7	351	71	25.3	317	74	20.7
250	438	66	32.2	385	71	24.8	347	75	20.2
350	525	66	30.2	460	72	23.3	415	75	19.0
500	623	66	27.4	546	71	21.1	493	75	17.2
750	758	67	25.9	662	73	19.8	596	76	16.1
1000	857	68	24.8	747	73	18.9	671	77	15.2

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

90°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					100% LF				
2	188	67	28.9	163	73	21.8	146	76	17.6
1	213	68	28.2	185	73	21.2	165	77	17.0
1/0	242	69	27.6	209	74	20.7	187	77	16.5
2/0	275	69	27.0	237	75	20.2	212	78	16.1
3/0	311	70	26.3	268	75	19.5	239	78	15.6
4/0	353	71	25.5	303	76	18.9	270	79	15.0
250	386	71	25.0	331	76	18.4	295	79	14.6
350	460	72	23.2	394	77	17.1	350	80	13.5
500	544	72	20.9	466	77	15.5	414	79	12.2
750	657	73	19.5	561	78	14.3	497	80	11.2
1000	738	74	18.4	629	78	13.4	557	81	10.6

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

80°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	196	56	30.3	174	61	23.9	158	64	19.8
1	223	56	29.9	197	62	23.5	179	65	19.3
1/0	254	57	29.4	224	62	23.0	203	65	19.0
2/0	289	58	28.9	255	63	22.5	231	66	18.6
3/0	328	58	28.3	289	63	22.1	261	66	18.0
4/0	373	59	27.7	328	64	21.4	296	67	17.5
250	409	59	27.2	359	64	20.9	324	67	17.1
350	490	60	25.6	429	65	19.7	387	68	16.0
500	580	60	23.2	509	64	17.9	459	67	14.6
750	705	61	21.9	616	65	16.8	554	68	13.6
1000	796	62	21.0	693	66	16.0	622	69	12.9

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

80°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					100% LF				
2	175	61	24.3	152	65	18.5	136	68	14.8
1	199	61	23.9	173	66	17.9	155	69	14.4
1/0	226	62	23.3	196	66	17.5	175	69	14.0
2/0	256	62	22.9	221	67	17.1	198	70	13.6
3/0	291	63	22.3	250	67	16.5	223	70	13.1
4/0	329	64	21.6	283	68	16.0	252	70	12.8
250	360	64	21.0	309	68	15.5	275	71	12.3
350	429	65	19.7	367	69	14.4	326	71	11.5
500	507	65	17.7	434	69	13.1	386	71	10.3
750	611	66	16.5	521	70	12.1	462	72	9.5
1000	685	66	15.6	583	70	11.4	516	72	9.0

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

75°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	188	53	27.5	167	58	21.7	152	61	18.0
1	214	54	27.2	190	58	21.3	172	61	17.7
1/0	244	54	26.7	215	59	20.9	195	62	17.3
2/0	277	55	26.3	245	59	20.5	222	62	16.8
3/0	316	55	25.8	278	60	20.0	251	63	16.4
4/0	359	56	25.2	315	60	19.4	284	63	15.9
250	393	56	24.8	345	61	19.0	311	63	15.5
350	471	57	23.3	412	61	17.9	371	64	14.5
500	557	57	21.1	488	61	16.3	440	63	13.2
750	676	58	20.0	590	62	15.3	531	64	12.4
1000	762	58	19.1	663	62	14.5	596	65	11.7

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

75°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					100% LF				
2	168	57	22.2	146	62	16.8	131	64	13.4
1	191	58	21.7	166	62	16.4	148	65	13.1
1/0	217	59	21.3	188	63	15.9	168	65	12.8
2/0	246	59	20.8	213	63	15.5	190	66	12.4
3/0	279	60	20.2	241	64	15.0	214	66	12.0
4/0	316	60	19.6	272	64	14.5	242	66	11.6
250	346	60	19.1	297	64	14.1	264	67	11.2
350	412	61	17.9	353	65	13.2	313	67	10.4
500	486	61	16.1	417	65	11.9	370	67	9.4
750	585	62	15.0	500	65	10.9	443	68	8.7
1000	656	63	14.2	558	66	10.3	494	68	8.1

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

65°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
				75% LF					
2	171	47	22.1	152	51	17.4	138	54	14.4
1	195	48	21.7	172	52	17.0	156	54	14.1
1/0	221	48	21.4	196	52	16.8	177	54	13.7
2/0	252	49	21.0	222	52	16.4	201	55	13.5
3/0	287	49	20.6	252	53	16.0	228	55	13.1
4/0	326	50	20.2	286	53	15.6	258	55	12.8
250	357	50	19.7	313	53	15.2	282	56	12.4
350	427	51	18.7	373	54	14.3	336	56	11.6
500	505	50	16.9	442	54	13.0	398	56	10.6
750	611	51	16.0	533	54	12.2	479	56	9.9
1000	687	52	15.3	598	55	11.6	537	57	9.4

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

65°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					100% LF				
2	153	51	17.7	133	54	13.4	119	57	10.8
1	174	51	17.4	151	55	13.1	135	57	10.5
1/0	197	52	17.0	171	55	12.8	152	57	10.2
2/0	224	52	16.6	193	56	12.4	172	57	9.9
3/0	254	53	16.2	218	56	12.0	195	58	9.6
4/0	287	53	15.7	247	56	11.6	220	58	9.2
250	314	53	15.3	269	56	11.3	239	58	9.0
350	374	54	14.3	320	57	10.6	284	59	8.3
500	441	54	12.9	377	57	9.5	335	59	7.5
750	529	55	12.0	451	57	8.8	400	59	6.9
1000	592	55	11.4	503	58	8.2	445	59	6.5

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

50°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	138	39	13.8	123	41	10.9	111	43	9.0
1	158	39	13.6	139	42	10.7	126	43	8.8
1/0	179	40	13.4	158	42	10.5	143	43	8.6
2/0	204	40	13.1	180	42	10.2	163	44	8.4
3/0	232	40	12.9	204	42	10.0	184	44	8.2
4/0	263	41	12.6	231	43	9.7	208	44	7.9
250	288	41	12.3	253	43	9.5	227	44	7.7
350	345	41	11.6	301	43	8.9	271	44	7.2
500	406	41	10.6	355	43	8.1	320	44	6.6
750	490	41	10.0	427	44	7.6	383	45	6.2
1000	549	42	9.5	477	44	7.3	427	45	5.8

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

50°C - Copper Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
				100% LF					
2	124	41	11.0	108	43	8.4	96	45	6.8
1	141	42	10.8	122	44	8.1	109	45	6.6
1/0	160	42	10.7	138	44	8.0	123	45	6.3
2/0	181	42	10.4	156	44	7.8	139	45	6.1
3/0	205	42	10.1	177	44	7.5	157	46	6.0
4/0	232	43	9.8	199	45	7.3	177	46	5.7
250	254	43	9.6	217	45	7.1	193	46	5.6
350	301	43	8.9	258	45	6.6	229	46	5.2
500	355	43	8.1	303	45	5.9	269	46	4.7
750	424	44	7.5	361	45	5.5	320	46	4.3
1000	473	44	7.1	402	46	5.2	354	47	4.1

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Conduit in Air

40°C Air Ambient

Condr Size	No Sun 0 Ft/s	No Sun 2 Ft/s	Full Sun 0 Ft/s	Full Sun 2 Ft/s
90°C - Copper Conductor - Concentric Strand				
2	126	131	92	104
1	144	149	105	119
1/0	164	170	119	136
2/0	187	194	136	155
3/0	213	221	155	177
4/0	242	252	176	201
250	275	284	197	223
350	332	344	239	270
500	400	415	288	326
750	504	520	359	403
1000	573	593	408	459

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Conduit in Air

40°C Air Ambient

Condr Size	No Sun 0 Ft/s	No Sun 2 Ft/s	Full Sun 0 Ft/s	Full Sun 2 Ft/s
75°C - Copper Conductor - Concentric Strand				
2	106	111	57	76
1	121	126	65	86
1/0	138	144	74	98
2/0	157	164	85	112
3/0	179	187	96	128
4/0	204	213	110	146
250	231	240	120	159
350	279	290	145	192
500	336	350	174	231
750	422	437	213	280
1000	478	497	241	317

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Free Air

40°C Air Ambient

Condr Size	No Sun		Full Sun	
	0 Ft/s	2 Ft/s	0 Ft/s	2 Ft/s
90°C - Copper Conductor - Concentric Strand				
2	172	191	130	159
1	198	219	150	182
1/0	227	251	171	207
2/0	260	288	196	237
3/0	299	330	225	271
4/0	344	379	258	310
250	380	418	285	341
350	465	510	347	413
500	563	613	418	494
750	702	762	518	609
1000	809	876	595	696

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Free Air

40°C Air Ambient

Condr Size	No Sun		Full Sun	
	0 Ft/s	2 Ft/s	0 Ft/s	2 Ft/s
75°C - Copper Conductor - Concentric Strand				
2	144	163	86	121
1	166	187	98	138
1/0	190	214	112	157
2/0	219	245	128	179
3/0	251	281	146	204
4/0	289	323	167	232
250	319	356	183	255
350	390	434	221	307
500	472	521	264	363
750	587	646	324	444
1000	675	740	368	503

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Unventilated Riser

40°C Air Ambient

Condr Size	No Sun 0 Ft/s	No Sun 2 Ft/s	Full Sun 0 Ft/s	Full Sun 2 Ft/s
90°C - Copper Conductor - Concentric Strand				
2	125	135	106	120
1	142	154	121	137
1/0	161	175	137	156
2/0	184	200	156	178
3/0	208	228	178	203
4/0	237	259	202	231
250	274	295	233	259
350	329	355	280	314
500	390	423	333	377
750	492	527	419	471
1000	548	589	467	526

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Unventilated Riser

40°C Air Ambient

Condr Size	No Sun 0 Ft/s	No Sun 2 Ft/s	Full Sun 0 Ft/s	Full Sun 2 Ft/s
75°C - Copper Conductor - Concentric Strand				
2	103	113	76	92
1	118	128	87	105
1/0	134	146	99	120
2/0	152	167	113	137
3/0	173	190	128	156
4/0	196	216	146	178
250	227	246	167	198
350	272	295	202	239
500	322	351	242	287
750	404	436	306	355
1000	449	486	342	403

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Underground Duct Bank - Single Circuit

25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
90°C - Aluminum Conductor - Concentric Strand						
2	124	120	120	115	117	110
1	142	137	137	131	133	125
1/0	162	156	157	149	152	142
2/0	185	178	179	169	173	162
3/0	211	203	204	193	197	184
4/0	242	232	233	220	225	209
250	266	255	256	241	247	229
350	324	309	311	292	299	277
500	394	376	378	353	363	334
750	495	470	473	440	453	415
1000	578	547	550	510	526	479

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15 kV Shielded Three Conductor Extruded Dielectric Cable in Underground Duct Bank - Single Circuit 25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
75°C - Aluminum Conductor - Concentric Strand						
2	110	106	107	102	104	97
1	126	121	122	116	118	111
1/0	143	138	139	132	135	126
2/0	164	158	158	150	153	143
3/0	187	180	181	171	175	163
4/0	214	205	206	195	199	185
250	235	226	227	214	219	203
350	286	274	275	258	265	245
500	349	333	335	313	322	296
750	437	415	418	389	400	367
1000	510	483	485	451	464	424

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Underground Duct Bank - Three Circuits

25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
90°C - Aluminum Conductor - Concentric Strand						
2	113	105	106	96	100	89
1	129	119	120	109	114	101
1/0	147	135	137	123	129	114
2/0	167	153	155	140	146	129
3/0	190	174	177	158	166	146
4/0	216	198	201	179	188	165
250	238	217	220	196	206	180
350	287	261	265	235	247	215
500	347	314	319	282	297	257
750	432	388	395	346	365	315
1000	501	448	455	398	420	361

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15 kV Shielded Three Conductor Extruded Dielectric Cable in Underground Duct Bank - Three Circuits

25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
75°C - Aluminum Conductor - Concentric Strand						
2	100	93	94	85	89	79
1	114	106	107	97	101	89
1/0	130	120	122	109	114	101
2/0	148	137	138	124	130	115
3/0	169	155	157	141	147	130
4/0	192	176	178	159	167	147
250	211	192	195	174	183	160
350	255	231	235	208	219	191
500	308	279	283	250	263	228
750	382	344	350	307	323	279
1000	442	396	403	352	372	320

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Underground Duct Bank - Six Circuits

25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
90°C - Aluminum Conductor - Concentric Strand						
2	100	89	91	79	83	71
1	114	101	103	89	94	80
1/0	129	114	116	101	106	90
2/0	147	129	131	114	120	102
3/0	166	146	149	129	136	115
4/0	189	165	168	145	153	129
250	206	181	184	158	167	141
350	248	217	220	189	199	167
500	298	260	263	226	238	199
750	367	319	322	275	290	242
1000	422	366	369	311	331	278

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15 kV Shielded Three Conductor Extruded Dielectric Cable in Underground Duct Bank - Six Circuits

25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
75°C - Aluminum Conductor - Concentric Strand						
2	89	79	81	70	74	63
1	101	90	91	79	84	71
1/0	115	102	103	89	94	80
2/0	130	115	117	101	107	91
3/0	148	130	132	114	121	103
4/0	167	147	149	128	136	116
250	183	161	163	140	148	126
350	220	192	195	166	177	150
500	264	230	234	198	211	178
750	325	281	285	241	257	214
1000	373	322	326	275	293	244

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Underground Duct Bank - Nine Circuits

25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
90°C - Aluminum Conductor - Concentric Strand						
2	92	80	82	69	74	62
1	104	90	92	78	84	70
1/0	117	102	104	88	95	79
2/0	133	115	118	99	107	89
3/0	150	129	133	112	120	100
4/0	170	146	150	126	135	113
250	186	159	164	137	148	123
350	222	189	195	163	176	145
500	266	226	233	194	209	173
750	327	276	284	236	254	209
1000	375	315	324	269	289	237

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15 kV Shielded Three Ccnductor Extruded Dielectric Cable

in Underground Duct Bank - Nine Circuits

25°C Earth Ambient

Condr Size	60 Rho 75 LF	60 Rho 100 LF	90 Rho 75 LF	90 Rho 100 LF	120 Rho 75 LF	120 Rho 100 LF
75°C - Aluminum Conductor - Concentric Strand						
2	81	71	73	62	66	56
1	92	80	82	70	75	63
1/0	104	90	93	79	84	71
2/0	118	102	105	89	95	79
3/0	134	115	118	100	107	89
4/0	151	130	134	112	120	100
250	165	142	146	122	131	109
350	197	168	173	145	156	129
500	236	201	208	173	185	153
750	289	245	252	209	225	185
1000	331	279	287	238	256	210

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

90°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	181	55	43.9	164	61	36.0	151	65	30.7
1	207	56	43.5	187	62	35.7	172	66	30.4
1/0	236	56	43.2	213	62	35.3	196	67	29.9
2/0	270	57	42.7	244	63	34.8	224	67	29.5
3/0	309	58	42.2	278	64	34.2	255	68	28.9
4/0	353	58	41.6	317	64	33.7	291	68	28.3
250	389	59	41.0	349	65	33.1	320	69	27.9
350	471	59	39.1	423	65	31.5	387	69	26.4
500	566	58	35.6	509	64	28.8	467	69	24.3
750	712	59	34.2	639	65	27.6	585	69	23.2
1000	833	60	33.3	746	66	26.7	683	70	22.4

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

90°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					100% LF				
2	168	60	37.8	149	66	29.8	135	70	24.6
1	191	61	37.2	169	67	29.2	154	71	24.1
1/0	218	61	36.7	193	68	28.7	174	72	23.6
2/0	248	62	36.2	219	68	28.2	198	72	23.1
3/0	283	63	35.5	249	69	27.6	225	73	22.5
4/0	323	63	34.8	283	69	26.9	256	73	21.8
250	354	64	34.2	311	70	26.4	280	74	21.4
350	428	65	32.2	374	71	24.7	337	74	20.0
500	513	64	29.3	449	70	22.5	405	74	18.3
750	640	65	27.7	559	71	21.2	502	75	17.1
1000	744	66	26.6	648	72	20.2	582	75	16.3

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

80°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	169	50	37.1	153	56	30.6	141	59	26.1
1	193	51	36.9	175	56	30.2	161	60	25.7
1/0	221	52	36.6	199	57	29.8	184	60	25.3
2/0	252	52	36.2	228	57	29.5	209	61	24.9
3/0	288	53	35.7	260	58	29.0	238	61	24.5
4/0	330	53	35.2	296	58	28.4	272	62	23.9
250	363	53	34.7	326	59	28.0	299	62	23.5
350	440	54	33.1	395	59	26.6	361	62	22.4
500	529	53	30.1	475	58	24.4	436	62	20.5
750	664	54	29.0	595	59	23.4	545	63	19.6
1000	777	55	28.2	695	60	22.6	636	63	18.9

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

80°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
				100% LF					
2	157	55	31.9	139	60	25.1	126	63	20.7
1	179	55	31.5	158	61	24.8	144	64	20.3
1/0	204	56	31.1	180	61	24.3	163	64	19.9
2/0	232	56	30.6	205	62	23.9	185	65	19.5
3/0	264	57	30.1	233	62	23.3	210	65	19.1
4/0	301	58	29.5	265	63	22.7	239	66	18.5
250	331	58	28.9	290	63	22.2	262	66	18.1
350	399	59	27.3	349	64	20.9	315	67	17.0
500	479	58	24.8	419	63	19.1	378	66	15.5
750	597	59	23.4	521	64	17.9	468	67	14.5
1000	694	60	22.5	604	65	17.1	542	68	13.8

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

75°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	162	48	33.8	147	53	27.8	136	56	23.7
1	186	49	33.4	168	53	27.4	155	57	23.4
1/0	212	49	33.2	192	54	27.1	176	57	23.0
2/0	242	50	32.8	219	54	26.8	201	58	22.6
3/0	277	50	32.4	249	55	26.4	229	58	22.2
4/0	317	51	32.0	285	55	25.8	261	58	21.7
250	349	51	31.6	313	56	25.5	287	59	21.4
350	423	51	30.1	379	56	24.2	347	59	20.3
500	508	51	27.4	456	55	22.2	419	59	18.7
750	638	52	26.3	572	56	21.2	523	59	17.8
1000	745	52	25.6	667	57	20.6	610	60	17.2

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

75°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
				100% LF					
2	150	52	29.0	134	57	22.9	121	60	18.9
1	172	52	28.7	152	57	22.5	138	60	18.6
1/0	196	53	28.3	173	58	22.1	157	61	18.1
2/0	223	54	27.8	197	58	21.7	178	61	17.7
3/0	254	54	27.4	224	59	21.2	202	62	17.3
4/0	290	55	26.8	254	59	20.7	229	62	16.8
250	318	55	26.3	279	60	20.2	251	62	16.4
350	384	56	24.8	336	60	19.0	302	63	15.4
500	460	55	22.5	403	60	17.3	363	63	14.1
750	573	56	21.3	500	61	16.3	450	63	13.2
1000	666	57	20.5	580	61	15.6	520	64	12.5

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

65°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	148	44	27.0	134	47	22.2	123	50	18.9
1	169	44	26.8	153	48	22.0	141	50	18.7
1/0	193	44	26.6	174	48	21.8	160	51	18.4
2/0	220	45	26.3	199	49	21.5	183	51	18.1
3/0	252	45	26.0	227	49	21.1	208	51	17.8
4/0	288	45	25.6	259	49	20.7	237	52	17.5
250	317	46	25.3	284	50	20.3	261	52	17.1
350	384	46	24.1	344	50	19.4	315	52	16.2
500	461	46	22.0	414	49	17.7	380	52	14.9
750	579	46	21.1	518	50	17.0	475	52	14.3
1000	675	47	20.5	604	50	16.5	552	53	13.8

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

65°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					100% LF				
2	137	47	23.3	121	50	18.4	110	53	15.2
1	156	47	22.9	138	51	18.0	125	53	14.9
1/0	178	47	22.6	157	51	17.7	142	54	14.6
2/0	203	48	22.3	179	52	17.4	162	54	14.2
3/0	231	48	21.8	203	52	17.0	184	54	13.9
4/0	263	49	21.4	231	52	16.5	208	55	13.5
250	289	49	21.0	253	53	16.2	228	55	13.1
350	349	49	19.9	305	53	15.3	274	55	12.4
500	417	49	18.0	366	53	13.9	329	55	11.3
750	520	50	17.0	454	54	13.1	407	56	10.6
1000	603	50	16.4	525	54	12.5	471	56	10.1

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

50°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	120	37	16.9	108	39	13.8	100	41	11.8
1	137	37	16.8	124	39	13.7	114	41	11.7
1/0	156	37	16.7	141	40	13.6	130	41	11.5
2/0	179	37	16.5	161	40	13.3	148	41	11.3
3/0	204	38	16.2	184	40	13.1	168	42	11.1
4/0	233	38	16.0	209	40	13.0	192	42	10.9
250	257	38	15.8	230	40	12.7	211	42	10.7
350	311	38	15.1	278	41	12.1	255	42	10.2
500	373	38	13.7	335	40	11.1	307	42	9.3
750	467	38	13.2	418	41	10.6	382	42	8.9
1000	544	39	12.8	486	41	10.3	444	42	8.6

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Single Circuit

25°C Earth Ambient

50°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					100% LF				
2	111	39	14.5	98	41	11.4	89	43	9.4
1	126	39	14.4	112	41	11.3	101	43	9.3
1/0	144	39	14.1	127	41	11.1	115	43	9.1
2/0	164	39	13.9	145	42	10.9	131	43	8.9
3/0	187	40	13.7	165	42	10.6	149	43	8.7
4/0	213	40	13.4	187	42	10.3	169	44	8.5
250	234	40	13.1	205	42	10.1	185	44	8.2
350	282	40	12.5	247	43	9.6	222	44	7.8
500	337	40	11.3	295	42	8.7	266	44	7.1
750	419	41	10.7	366	43	8.2	328	44	6.6
1000	486	41	10.3	422	43	7.8	378	45	6.3

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

90°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	163	61	35.8	145	67	28.2	132	71	23.4
1	186	62	35.3	165	68	27.7	150	72	22.9
1/0	212	63	34.8	187	69	27.2	170	73	22.4
2/0	241	64	34.2	213	69	26.7	193	73	21.9
3/0	275	64	33.5	242	70	26.0	219	74	21.3
4/0	313	65	32.7	275	71	25.3	248	74	20.7
250	344	65	32.1	301	71	24.8	272	75	20.1
350	414	66	30.2	362	72	23.2	327	75	18.9
500	496	66	27.3	435	71	21.1	392	75	17.2
750	617	67	25.8	540	72	19.7	486	76	16.1
1000	717	68	24.7	625	73	18.7	562	76	15.2

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

90°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					100% LF				
2	146	67	28.7	127	73	21.8	114	76	17.6
1	166	68	28.2	144	73	21.2	129	77	17.0
1/0	189	68	27.6	163	74	20.7	146	77	16.5
2/0	214	69	27.0	185	74	20.2	165	78	16.1
3/0	243	70	26.3	210	75	19.5	187	78	15.6
4/0	276	71	25.5	237	76	18.9	211	79	15.0
250	302	71	24.9	260	76	18.4	231	79	14.6
350	362	72	23.2	310	77	17.1	276	79	13.5
500	433	72	20.9	371	76	15.4	330	79	12.2
750	535	73	19.4	457	77	14.2	406	80	11.2
1000	618	74	18.4	527	78	13.4	466	81	10.5

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

80°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	153	56	30.3	135	61	23.9	123	64	19.8
1	174	56	29.9	154	62	23.5	140	65	19.3
1/0	198	57	29.4	175	62	23.0	159	65	19.0
2/0	225	58	28.9	199	63	22.5	180	66	18.4
3/0	257	58	28.3	226	63	22.0	204	66	18.0
4/0	292	59	27.7	257	64	21.4	232	67	17.5
250	321	59	27.2	282	64	20.9	254	67	17.0
350	386	60	25.5	338	65	19.7	305	68	16.0
500	463	60	23.2	406	64	17.8	366	67	14.5
750	576	61	21.8	503	65	16.7	453	68	13.6
1000	668	61	20.9	582	66	15.9	523	69	12.8

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

80°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
				100% LF					
2	137	61	24.3	119	65	18.5	106	68	14.8
1	155	61	23.9	135	66	17.9	121	69	14.4
1/0	176	62	23.3	153	66	17.5	136	69	14.0
2/0	200	62	22.9	173	67	17.1	154	70	13.6
3/0	227	63	22.3	196	67	16.5	175	70	13.1
4/0	258	64	21.5	222	68	16.0	197	70	12.8
250	282	64	21.0	242	68	15.5	216	71	12.3
350	338	65	19.6	290	69	14.4	257	71	11.5
500	404	64	17.7	346	69	13.1	308	71	10.3
750	499	65	16.4	426	69	12.0	378	72	9.5
1000	575	66	15.6	490	70	11.4	434	72	8.9

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

75°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	147	53	27.5	130	58	21.7	118	61	18.0
1	167	54	27.2	148	58	21.3	134	61	17.5
1/0	190	54	26.7	168	59	20.9	152	62	17.3
2/0	217	55	26.3	191	59	20.5	173	62	16.8
3/0	247	55	25.8	217	60	20.0	196	63	16.3
4/0	281	56	25.2	247	60	19.4	223	63	15.9
250	308	56	24.6	270	61	19.0	244	63	15.5
350	371	57	23.2	325	61	17.9	293	64	14.5
500	444	56	21.0	390	61	16.2	351	63	13.2
750	553	57	19.8	483	62	15.2	434	64	12.3
1000	641	58	19.0	558	62	14.5	501	65	11.7

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

75°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
				100% LF					
2	131	57	22.2	114	62	16.8	102	64	13.4
1	149	58	21.7	129	62	16.4	116	65	13.1
1/0	169	58	21.3	147	63	15.9	131	65	12.8
2/0	192	59	20.8	166	63	15.5	148	66	12.4
3/0	218	60	20.2	188	64	15.0	168	66	12.0
4/0	248	60	19.6	213	64	14.5	190	66	11.6
250	271	60	19.1	233	64	14.1	207	67	11.2
350	325	61	17.9	278	65	13.2	247	67	10.4
500	388	61	16.1	333	65	11.9	296	67	9.4
750	479	62	14.9	409	65	10.9	363	67	8.7
1000	552	62	14.1	470	66	10.3	416	68	8.1

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

65°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	133	47	22.1	118	51	17.4	107	54	14.4
1	152	48	21.7	134	52	17.0	122	54	14.1
1/0	173	48	21.4	153	52	16.8	138	54	13.7
2/0	197	49	21.0	174	52	16.4	157	55	13.5
3/0	224	49	20.6	197	53	16.0	178	55	13.1
4/0	255	50	20.2	224	53	15.6	202	55	12.8
250	280	50	19.7	246	53	15.2	222	56	12.4
350	337	50	18.6	295	54	14.3	266	56	11.6
500	403	50	16.8	353	54	13.0	319	56	10.6
750	501	51	15.9	437	54	12.1	393	56	9.9
1000	580	52	15.2	505	55	11.5	454	57	9.3

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

65°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					100% LF				
2	119	51	17.7	104	54	13.4	93	57	10.8
1	136	51	17.4	118	55	13.1	105	57	10.4
1/0	154	52	17.0	133	55	12.8	119	57	10.2
2/0	175	52	16.6	151	56	12.4	135	57	9.9
3/0	198	53	16.2	171	56	12.0	152	58	9.6
4/0	225	53	15.7	193	56	11.6	172	58	9.2
250	246	53	15.3	212	56	11.3	188	58	9.0
350	295	54	14.3	253	57	10.5	224	59	8.3
500	352	54	12.9	302	57	9.5	268	58	7.5
750	434	54	11.9	371	57	8.7	328	59	6.9
1000	500	55	11.3	426	58	8.2	376	59	6.5

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

50°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					75% LF				
2	108	39	13.8	96	41	10.9	87	43	9.0
1	123	39	13.6	109	42	10.7	99	43	8.8
1/0	140	40	13.4	124	42	10.5	112	43	8.6
2/0	159	40	13.1	141	42	10.2	127	44	8.4
3/0	182	40	12.9	160	42	10.0	144	44	8.2
4/0	207	40	12.5	181	43	9.7	163	44	7.9
250	227	41	12.3	199	43	9.5	179	44	7.7
350	273	41	11.6	238	43	8.9	214	44	7.2
500	326	41	10.5	285	43	8.1	257	44	6.6
750	404	41	9.9	352	43	7.6	316	45	6.1
1000	467	42	9.5	406	44	7.2	363	45	5.8

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15 kV Shielded Three Conductor Extruded Dielectric Cable

Direct Buried - Double Circuit

25°C Earth Ambient

50°C - Aluminum Conductor - Concentric Strand

Condr Size	60 Rho Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
				100% LF					
2	97	41	11.0	84	43	8.4	75	45	6.8
1	110	42	10.8	95	44	8.1	85	45	6.6
1/0	125	42	10.6	108	44	8.0	96	45	6.3
2/0	142	42	10.4	122	44	7.8	109	45	6.1
3/0	161	42	10.1	138	44	7.5	123	46	6.0
4/0	182	43	9.8	156	45	7.3	139	46	5.7
250	199	43	9.6	171	45	7.1	152	46	5.6
350	239	43	8.9	204	45	6.6	181	46	5.2
500	284	43	8.0	243	45	5.9	216	46	4.7
750	350	44	7.5	298	45	5.5	264	46	4.3
1000	402	44	7.1	342	46	5.2	302	47	4.1

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Conduit in Air

40°C Air Ambient

Condr Size	No Sun 0 Ft/s	No Sun 2 Ft/s	Full Sun 0 Ft/s	Full Sun 2 Ft/s
90°C - Aluminum Conductor - Concentric Strand				
2	98	102	71	81
1	112	116	82	93
1/0	128	133	93	106
2/0	146	151	106	121
3/0	166	173	121	138
4/0	190	197	138	157
250	215	223	155	175
350	262	271	188	213
500	319	330	229	259
750	411	424	292	328
1000	480	496	341	384

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Conduit in Air

40°C Air Ambient

Condr Size	No Sun		Full Sun	
	0 Ft/s	2 Ft/s	0 Ft/s	2 Ft/s
75°C - Aluminum Conductor - Concentric Strand				
2	83	86	45	59
1	95	98	51	67
1/0	108	112	58	77
2/0	123	128	66	88
3/0	140	146	75	100
4/0	160	167	86	114
250	181	188	94	124
350	220	229	115	151
500	268	279	139	184
750	345	358	174	229
1000	403	418	203	267

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Free Air

40°C Air Ambient

Condr Size	No Sun 0 Ft/s	No Sun 2 Ft/s	Full Sun 0 Ft/s	Full Sun 2 Ft/s
90°C - Aluminum Conductor - Concentric Strand				
2	134	149	102	124
1	154	171	117	142
1/0	177	196	134	162
2/0	203	225	153	185
3/0	234	258	176	212
4/0	269	296	202	242
250	298	328	223	267
350	366	401	273	325
500	448	488	332	393
750	572	620	422	496
1000	676	732	497	581

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Free Air

40°C Air Ambient

Condr Size	No Sun		Full Sun	
	0 Ft/s	2 Ft/s	0 Ft/s	2 Ft/s
75°C - Aluminum Conductor - Concentric Strand				
2	113	127	67	94
1	129	146	76	107
1/0	149	167	87	122
2/0	171	192	100	139
3/0	196	220	114	159
4/0	226	253	130	182
250	250	279	144	200
350	308	342	175	242
500	377	416	211	290
750	480	528	265	362
1000	567	622	309	422

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Unventilated Riser

40°C Air Ambient

Condr Size	No Sun		Full Sun	
	0 Ft/s	2 Ft/s	0 Ft/s	2 Ft/s
90°C - Aluminum Conductor - Concentric Strand				
2	97	105	83	93
1	111	120	94	106
1/0	126	137	107	122
2/0	143	156	122	139
3/0	163	178	139	158
4/0	186	203	158	181
250	215	232	183	203
350	260	281	222	247
500	314	340	268	301
750	409	437	348	384
1000	472	507	402	449

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15 kV Shielded Three Conductor Extruded Dielectric Cable

in Unventilated Riser

40°C Air Ambient

Condr Size	No Sun		Full Sun	
	0 Ft/s	2 Ft/s	0 Ft/s	2 Ft/s
75°C - Aluminum Conductor - Concentric Strand				
2	81	88	59	72
1	92	100	68	82
1/0	105	114	77	93
2/0	119	130	88	107
3/0	135	149	100	122
4/0	154	169	114	139
250	179	193	131	155
350	216	234	159	189
500	260	284	193	229
750	338	364	250	291
1000	389	421	291	339

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