15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Copper Conductor - Concentric Strand										
4	1/2	226	56	106.9	203	63	87.2	187	67	73.6
4	Full	235	53	97.2	214	60	80.6	198	64	68.8
3	1/2	258	57	107.8	232	64	87.4	213	68	73.4
3	Full	270	54	98.5	244	61	80.6	225	65	68.8
2	1/2	296	58	108.6	265	65	87.3	243	69	73.0
2	Full	309	56	99.2	280	62	81.1	257	66	68.9
1	1/2	340	60	108.9	304	66	86.8	277	70	72.3
1	Full	356	57	99.8	321	63	81.0	294	67	68.4
1/0	1/2	390	61	109.0	347	67	86.3	316	71	71.6
1/0	Full	408	58	100.3	367	64	80.7	336	68	67.9
2/0	1/2	447	62	108.6	397	68	85.5	361	72	70.7
2/0	Full	469	59	100.3	420	65	80.4	384	69	67.1
3/0	1/2	512	63	108.1	453	69	84.7	411	73	69.9
3/0	Full	539	60	99.8	480	66	79.5	438	70	66.4
4/0	1/2	588	64	107.3	518	70	83.4	469	73	68.3
4/0	Full	618	61	99.4	550	67	78.5	501	71	65.1

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Copper Conductor - Concentric Strand										
4	1/2	213	60	95.5	189	66	75.3	172	70	62.2
4	Full	223	57	87.6	200	64	70.5	183	68	58.7
3	1/2	244	61	95.9	216	67	75.1	195	71	62.0
3	Full	255	58	88.3	228	65	70.5	208	69	58.6
2	1/2	278	62	95.9	246	68	74.6	222	72	61.1
2	Full	292	59	88.5	260	66	70.1	237	70	58.2
1	1/2	319	63	95.9	280	69	73.9	253	73	60.5
1	Full	335	60	88.8	297	67	69.6	270	71	57.4
1/0	1/2	365	64	95.4	320	70	73.2	288	74	59.6
1/0	Full	384	62	88.6	339	68	69.0	307	72	56.6
2/0	1/2	417	65	94.5	364	71	72.1	327	75	58.4
2/0	Full	440	63	88.0	387	69	68.5	350	73	55.9
3/0	1/2	477	67	93.6	415	72	70.9	372	76	57.1
3/0	Full	504	64	87.4	442	70	67.4	399	74	54.7
4/0	1/2	545	68	92.2	473	73	69.7	424	77	55.9
4/0	Full	577	65	86.3	504	71	66.1	454	74	53.6

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
80°C - Copper Conductor - Concentric Strand										
4	1/2	211	52	90.7	190	57	73.6	175	60	62.2
4	Full	220	49	82.4	200	54	67.9	185	58	58.3
3	1/2	241	52	91.2	217	58	73.8	199	61	62.0
3	Full	252	50	83.2	228	55	68.3	211	59	58.1
2	1/2	277	53	91.8	248	59	73.8	227	62	61.9
2	Full	289	51	84.0	261	56	68.4	240	60	58.2
1	1/2	318	54	92.0	284	59	73.5	259	63	61.3
1	Full	332	52	84.5	300	57	68.4	275	61	57.8
1/0	1/2	364	55	92.0	324	60	73.2	295	64	60.7
1/0	Full	382	53	84.8	343	58	68.2	314	62	57.3
2/0	1/2	418	56	92.0	371	61	72.5	337	64	59.9
2/0	Full	438	54	84.8	392	59	67.8	359	62	56.6
3/0	1/2	479	57	91.5	424	62	71.6	384	65	58.8
3/0	Full	503	55	84.7	449	60	67.4	410	63	56.1
4/0	1/2	549	58	90.6	484	63	70.6	438	66	57.9
4/0	Full	578	56	84.0	514	61	66.4	468	64	55.3

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
80°C - Copper Conductor - Concentric Strand										
4	1/2	199	55	81.0	177	60	64.0	161	64	52.6
4	Full	208	52	74.0	187	58	59.6	171	61	49.5
3	1/2	228	55	81.1	201	61	63.7	183	64	52.2
3	Full	239	53	74.7	213	59	59.4	194	62	49.7
2	1/2	260	56	81.1	230	62	63.1	208	65	51.6
2	Full	273	54	75.0	243	59	59.4	221	63	49.2
1	1/2	298	57	81.0	262	63	62.5	236	66	51.1
1	Full	313	55	75.1	278	60	58.9	252	64	48.7
1/0	1/2	341	58	80.7	299	63	61.8	269	66	50.2
1/0	Full	359	56	75.0	317	61	58.4	287	65	47.9
2/0	1/2	390	59	80.1	340	64	61.0	306	67	49.4
2/0	Full	411	57	74.7	362	62	57.7	327	65	47.3
3/0	1/2	445	60	79.1	388	65	59.9	348	68	48.5
3/0	Full	471	58	74.0	413	63	57.1	372	66	46.5
4/0	1/2	509	61	78.2	442	66	58.9	396	69	47.1
4/0	Full	539	59	73.3	471	64	55.9	424	67	45.5

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Copper Conductor - Concentric Strand										
4	1/2	203	49	82.4	183	54	67.0	168	57	56.5
4	Full	211	47	74.9	192	52	61.8	177	55	53.0
3	1/2	232	50	83.2	209	55	67.1	191	58	56.4
3	Full	242	48	75.5	219	53	62.4	202	56	53.1
2	1/2	266	51	83.6	238	55	67.2	218	59	56.1
2	Full	278	48	76.2	251	53	62.3	231	57	52.9
1	1/2	305	52	83.7	273	56	66.8	249	59	55.8
1	Full	320	49	76.6	288	54	62.5	264	57	52.7
1/0	1/2	350	52	83.7	312	57	66.4	284	60	55.1
1/0	Full	367	50	76.9	329	55	62.2	302	58	52.0
2/0	1/2	401	53	83.7	356	58	66.0	324	61	54.5
2/0	Full	421	51	77.2	377	56	61.7	345	59	51.6
3/0	1/2	460	54	83.3	407	59	65.0	369	62	53.7
3/0	Full	484	52	76.7	431	57	61.3	394	60	50.9
4/0	1/2	528	55	82.4	465	59	64.1	421	62	52.7
4/0	Full	555	53	76.5	494	57	60.5	449	60	50.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Copper Conductor - Concentric Strand										
4	1/2	191	52	73.6	170	57	57.8	154	60	47.7
4	Full	200	50	67.5	179	55	54.3	164	58	45.1
3	1/2	219	53	73.8	194	58	57.7	175	61	47.5
3	Full	229	50	67.9	205	55	53.9	187	59	45.0
2	1/2	250	54	73.8	221	58	57.4	200	61	47.1
2	Full	263	51	68.0	234	56	54.1	213	59	44.7
1	1/2	286	54	73.9	252	59	57.0	227	62	46.4
1	Full	301	52	68.4	267	57	53.8	242	60	44.0
1/0	1/2	327	55	73.2	287	60	56.2	258	63	45.6
1/0	Full	345	53	68.2	305	58	53.2	276	61	43.7
2/0	1/2	375	56	72.9	327	61	55.5	294	63	44.7
2/0	Full	395	54	67.8	348	59	52.7	314	62	42.9
3/0	1/2	428	57	71.9	373	61	54.7	334	64	44.0
3/0	Full	452	55	67.1	397	59	52.0	358	62	42.0
4/0	1/2	489	58	71.0	425	62	53.3	380	65	42.8
4/0	Full	518	56	66.4	453	60	51.0	407	63	41.2

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
65°C - Copper Conductor - Concentric Strand										
4	1/2	184	44	65.7	166	48	53.4	153	51	45.1
4	Full	192	43	60.0	175	46	49.5	161	49	42.5
3	1/2	211	45	66.2	190	49	53.5	174	51	45.0
3	Full	220	43	60.3	200	47	49.7	184	50	42.4
2	1/2	242	46	66.8	217	49	53.7	198	52	45.1
2	Full	253	44	61.1	228	48	50.0	210	50	42.2
1	1/2	278	46	66.8	248	50	53.4	226	53	44.4
1	Full	290	45	61.3	262	48	49.9	240	51	42.0
1/0	1/2	318	47	67.1	283	51	53.2	258	53	44.1
1/0	Full	333	45	61.5	299	49	49.8	274	52	41.9
2/0	1/2	365	48	66.7	324	51	52.7	294	54	43.6
2/0	Full	383	46	61.7	343	50	49.4	313	52	41.1
3/0	1/2	418	48	66.4	370	52	52.0	336	54	43.0
3/0	Full	440	47	61.6	392	50	48.9	358	53	40.6
4/0	1/2	480	49	66.1	423	53	51.3	383	55	42.2
4/0	Full	505	47	61.2	449	51	48.4	408	53	40.2

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
					65°C - Copper Conductor - Concentric Strand					
4	1/2	174	47	58.7	154	50	46.4	140	53	38.1
4	Full	182	45	53.9	163	49	43.4	149	51	36.4
3	1/2	199	47	59.0	176	51	46.3	160	54	38.2
3	Full	208	45	54.3	186	49	43.3	170	52	36.1
2	1/2	227	48	59.0	201	52	45.9	181	54	37.7
2	Full	239	46	54.5	212	50	43.0	193	53	35.7
1	1/2	260	49	58.9	229	52	45.6	207	55	37.3
1	Full	274	47	54.6	243	51	42.8	220	53	35.4
1/0	1/2	298	49	58.8	261	53	45.2	235	55	36.6
1/0	Full	314	48	54.3	277	51	42.6	251	54	35.1
2/0	1/2	341	50	58.1	297	53	44.4	267	56	36.1
2/0	Full	359	48	54.1	316	52	42.2	286	54	34.3
3/0	1/2	389	51	57.5	339	54	43.7	304	56	35.1
3/0	Full	411	49	53.7	361	53	41.3	325	55	33.7
4/0	1/2	445	51	56.9	386	55	42.8	346	57	34.3
4/0	Full	471	50	53.3	412	53	40.9	370	55	33.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
					50°C - Copper Conductor - Concentric Strand					
4	1/2	149	37	41.2	135	40	33.3	124	41	28.5
4	Full	156	36	37.2	141	38	31.1	131	40	26.3
3	1/2	171	37	41.6	154	40	33.5	141	42	28.0
3	Full	178	36	37.8	162	39	31.0	149	40	26.3
2	1/2	196	38	41.8	176	40	33.6	161	42	28.3
2	Full	205	37	38.1	185	39	31.1	170	41	26.2
1	1/2	225	38	42.0	201	41	33.4	183	42	27.9
1	Full	236	37	38.5	212	40	31.0	195	41	26.3
1/0	1/2	258	39	41.9	230	41	33.2	209	43	27.5
1/0	Full	270	38	38.5	243	40	30.9	222	42	26.0
2/0	1/2	296	39	41.8	263	41	32.8	239	43	27.1
2/0	Full	310	38	38.6	278	40	31.0	254	42	26.0
3/0	1/2	339	40	41.6	300	42	32.7	272	43	26.8
3/0	Full	356	39	38.5	318	41	30.6	290	42	25.5
4/0	1/2	389	40	41.2	343	42	32.0	310	44	26.2
4/0	Full	409	39	38.3	364	41	30.1	331	43	25.2

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
					50°C - Copper Conductor - Concentric Strand					
4	1/2	141	38	36.8	125	41	28.9	114	43	24.1
4	Full	148	37	33.7	132	40	27.2	121	42	22.8
3	1/2	161	39	36.9	143	41	28.9	129	43	23.8
3	Full	169	38	34.0	151	40	27.2	138	42	22.5
2	1/2	184	39	36.9	163	42	28.7	147	43	23.4
2	Full	193	38	34.0	172	41	27.0	157	42	22.5
1	1/2	211	40	36.9	186	42	28.3	167	44	23.2
1	Full	222	39	34.2	197	41	26.7	179	43	22.0
1/0	1/2	241	40	36.6	211	42	28.3	190	44	23.0
1/0	Full	254	39	33.9	225	42	26.8	203	43	21.9
2/0	1/2	276	41	36.4	241	43	27.8	217	44	22.4
2/0	Full	291	40	33.9	256	42	26.3	232	43	21.6
3/0	1/2	316	41	36.1	275	43	27.2	246	45	22.0
3/0	Full	333	40	33.7	292	42	25.8	264	44	21.0
4/0	1/2	361	41	35.3	313	44	26.8	280	45	21.6
4/0	Full	381	40	33.4	334	43	25.5	300	44	20.6

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Copper Conductor - Concentric Strand										
4	1/2	191	66	108.1	167	72	83.3	151	75	67.8
4	Full	201	63	101.0	178	69	79.0	161	73	65.1
3	1/2	217	67	108.1	190	72	82.8	171	76	67.2
3	Full	230	64	101.2	203	70	78.6	183	74	64.5
2	1/2	248	68	107.8	216	73	82.0	195	76	66.7
2	Full	263	65	101.2	231	71	78.3	209	74	63.8
1	1/2	283	69	107.0	247	74	81.2	222	77	65.6
1	Full	300	66	100.6	263	72	77.5	238	75	63.1
1/0	1/2	323	70	106.1	281	75	80.0	252	78	64.5
1/0	Full	343	67	100.0	300	73	76.5	270	76	62.1
2/0	1/2	369	71	105.1	320	76	78.8	286	78	63.3
2/0	Full	392	68	99.2	342	73	75.5	308	77	61.0
3/0	1/2	421	72	103.4	364	76	77.4	325	79	61.8
3/0	Full	448	69	98.1	390	74	74.2	350	77	59.9
4/0	1/2	481	73	101.8	414	77	75.6	370	80	60.4
4/0	Full	512	70	96.7	444	75	72.9	398	78	58.5

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					90°C - Copper Conductor - Concentric Strand					
4	1/2	176	70	92.3	152	75	68.8	136	78	54.8
4	Full	187	67	87.1	162	73	65.7	146	76	53.0
3	1/2	200	70	91.8	172	75	68.1	154	78	54.0
3	Full	213	68	86.7	185	73	65.1	165	77	52.2
2	1/2	228	71	91.0	196	76	67.2	174	79	53.3
2	Full	242	69	86.4	210	74	64.6	187	77	51.6
1	1/2	260	72	90.0	222	77	66.1	198	80	52.2
1	Full	277	70	85.3	239	75	63.6	213	78	50.6
1/0	1/2	296	73	88.8	253	78	64.8	224	80	50.9
1/0	Full	315	71	84.5	271	76	62.4	241	79	49.6
2/0	1/2	337	74	87.2	287	78	63.5	254	81	49.7
2/0	Full	359	72	83.2	308	77	61.2	274	79	48.5
3/0	1/2	383	75	85.7	326	79	61.8	288	81	48.4
3/0	Full	409	73	81.8	350	77	59.9	311	80	47.2
4/0	1/2	436	76	83.7	370	80	60.1	326	82	46.9
4/0	Full	466	74	80.3	398	78	58.3	353	81	46.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					80°C - Copper Conductor - Concentric Strand					
4	1/2	178	60	91.7	156	64	70.6	141	67	57.3
4	Full	188	57	85.5	166	62	66.9	151	65	54.8
3	1/2	203	60	91.5	178	65	69.9	160	68	57.0
3	Full	215	58	85.5	189	63	66.6	171	66	54.6
2	1/2	232	61	91.3	202	66	69.6	182	68	56.2
2	Full	245	59	85.5	216	64	66.1	195	67	54.2
1	1/2	265	62	90.6	230	66	68.6	207	69	55.3
1	Full	281	60	85.3	246	65	65.6	222	67	53.4
1/0	1/2	302	63	89.9	262	67	67.7	235	70	54.4
1/0	Full	321	61	84.8	280	65	64.8	252	68	52.5
2/0	1/2	345	64	88.8	299	68	66.6	267	70	53.6
2/0	Full	367	62	83.9	320	66	63.8	287	69	51.8
3/0	1/2	394	64	87.6	340	68	65.5	304	71	52.3
3/0	Full	419	62	83.0	364	67	62.8	327	69	50.6
4/0	1/2	449	65	86.0	387	69	64.1	346	71	51.1
4/0	Full	478	63	81.9	415	67	61.5	372	70	49.5

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					80°C - Copper Conductor - Concentric Strand					
4	1/2	165	63	78.1	142	67	58.2	127	70	46.5
4	Full	175	60	73.7	152	65	55.8	136	68	44.9
3	1/2	187	63	77.7	161	68	57.6	144	70	45.9
3	Full	199	61	73.2	172	66	55.2	154	69	44.1
2	1/2	213	64	77.1	183	68	56.8	163	71	44.9
2	Full	227	62	73.0	196	67	54.5	175	69	43.8
1	1/2	243	65	76.1	208	69	55.9	185	71	44.2
1	Full	259	63	72.3	223	67	53.6	199	70	42.8
1/0	1/2	276	66	75.2	236	70	54.9	209	72	43.2
1/0	Full	295	64	71.5	253	68	52.8	225	71	41.9
2/0	1/2	315	66	73.7	268	70	53.6	237	72	42.1
2/0	Full	336	65	70.4	288	69	51.8	256	71	41.1
3/0	1/2	358	67	72.5	304	71	52.3	269	73	41.1
3/0	Full	382	65	69.4	327	69	50.6	290	72	39.9
4/0	1/2	407	68	70.8	345	71	50.9	305	73	39.8
4/0	Full	436	66	67.8	372	70	49.5	329	72	38.9

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Copper Conductor - Concentric Strand										
4	1/2	171	57	83.3	150	61	64.1	136	63	52.4
4	Full	181	54	77.8	160	59	60.7	145	62	49.9
3	1/2	195	57	83.1	171	61	63.6	154	64	51.6
3	Full	206	55	77.7	182	60	60.6	165	62	49.5
2	1/2	223	58	82.9	194	62	63.2	175	65	51.3
2	Full	236	56	77.7	207	60	60.0	187	63	49.3
1	1/2	255	59	82.3	221	63	62.5	199	65	50.3
1	Full	270	57	77.5	236	61	59.5	213	64	48.4
1/0	1/2	290	59	81.6	252	63	61.6	226	66	49.6
1/0	Full	308	58	77.1	269	62	58.9	243	64	47.7
2/0	1/2	332	60	80.6	287	64	60.5	257	66	48.5
2/0	Full	352	58	76.3	307	62	58.2	276	65	46.9
3/0	1/2	378	61	79.6	327	64	59.4	292	67	47.5
3/0	Full	402	59	75.4	350	63	57.2	314	65	46.0
4/0	1/2	432	62	78.2	372	65	58.1	332	67	46.5
4/0	Full	460	60	74.5	399	64	56.0	357	66	45.1

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Copper Conductor - Concentric Strand										
4	1/2	158	59	70.9	136	63	53.0	122	66	42.1
4	Full	168	57	66.9	146	62	50.5	131	64	40.6
3	1/2	180	60	70.5	155	64	52.5	138	66	41.7
3	Full	191	58	66.6	166	62	50.1	148	65	40.2
2	1/2	205	61	70.1	176	64	51.6	156	67	40.9
2	Full	218	59	66.4	188	63	49.6	168	65	39.7
1	1/2	233	61	69.2	200	65	50.9	177	67	40.0
1	Full	248	60	65.6	214	64	48.9	191	66	38.9
1/0	1/2	266	62	68.3	227	66	49.9	201	68	39.2
1/0	Full	283	60	65.1	243	64	48.0	217	66	38.1
2/0	1/2	302	63	67.1	258	66	48.7	228	68	38.3
2/0	Full	323	61	64.0	277	65	47.2	246	67	37.2
3/0	1/2	344	63	65.7	292	67	47.7	259	68	37.2
3/0	Full	368	62	63.0	314	65	46.0	279	67	36.3
4/0	1/2	391	64	64.3	332	67	46.3	293	69	36.1
4/0	Full	419	62	61.8	357	66	44.9	316	68	35.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
65°C - Copper Conductor - Concentric Strand										
4	1/2	156	50	66.6	137	54	51.1	123	56	41.8
4	Full	164	49	62.0	145	52	48.6	132	54	40.0
3	1/2	178	51	66.6	155	54	51.0	140	56	41.4
3	Full	188	49	62.1	165	53	48.3	150	55	39.6
2	1/2	202	51	66.4	177	55	50.4	159	57	40.9
2	Full	214	50	62.3	188	53	48.1	170	55	39.4
1	1/2	231	52	65.9	201	55	50.0	181	57	40.3
1	Full	245	50	62.0	215	54	47.5	194	56	38.9
1/0	1/2	264	53	65.3	229	56	49.3	205	58	39.7
1/0	Full	280	51	61.6	245	54	47.2	221	56	38.1
2/0	1/2	301	53	64.5	261	56	48.5	234	58	38.8
2/0	Full	320	52	61.0	279	55	46.4	251	57	37.5
3/0	1/2	344	54	63.8	297	57	47.5	265	58	38.0
3/0	Full	366	52	60.4	318	55	45.8	285	57	36.7
4/0	1/2	392	54	62.7	338	57	46.5	302	59	37.0
4/0	Full	418	53	59.4	362	56	44.9	325	58	36.1

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					65°C - Copper Conductor - Concentric Strand					
4	1/2	144	52	56.7	124	56	42.4	111	58	33.8
4	Full	153	51	53.6	133	54	40.6	119	56	32.5
3	1/2	164	53	56.4	141	56	42.0	125	58	33.3
3	Full	174	51	53.4	151	55	40.2	135	57	32.1
2	1/2	186	54	55.9	160	57	41.4	142	58	32.8
2	Full	198	52	53.0	171	55	39.7	153	57	31.6
1	1/2	212	54	55.3	182	57	40.6	161	59	32.0
1	Full	226	53	52.5	195	56	39.2	174	58	31.1
1/0	1/2	241	55	54.7	206	57	40.0	183	59	31.5
1/0	Full	257	53	52.0	221	56	38.4	197	58	30.4
2/0	1/2	275	55	53.8	234	58	39.0	207	59	30.6
2/0	Full	293	54	51.3	251	57	37.8	223	59	29.8
3/0	1/2	313	56	52.6	266	58	38.0	235	60	29.9
3/0	Full	334	54	50.4	286	57	37.0	253	59	29.0
4/0	1/2	356	56	51.3	301	59	37.0	266	60	28.9
4/0	Full	380	55	49.3	324	58	35.8	287	59	28.2

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					50°C - Copper Conductor - Concentric Strand					
4	1/2	126	41	41.5	111	43	31.9	100	44	26.0
4	Full	133	40	38.7	118	42	30.4	107	43	25.1
3	1/2	144	41	41.4	126	43	31.8	113	45	25.8
3	Full	152	40	39.0	134	42	30.3	121	44	24.9
2	1/2	164	42	41.4	143	44	31.6	129	45	25.5
2	Full	174	40	38.8	153	43	30.1	138	44	24.6
1	1/2	188	42	41.1	163	44	31.1	146	45	25.3
1	Full	199	41	38.6	174	43	29.7	157	44	24.2
1/0	1/2	214	42	40.8	186	44	30.7	166	45	24.8
1/0	Full	227	41	38.4	198	43	29.3	179	45	24.0
2/0	1/2	244	43	40.3	211	45	30.4	189	46	24.2
2/0	Full	259	42	38.3	226	44	29.1	203	45	23.5
3/0	1/2	279	43	39.7	240	45	29.7	215	46	23.8
3/0	Full	296	42	37.7	258	44	28.5	231	45	22.9
4/0	1/2	318	43	39.1	274	45	29.1	244	46	23.1
4/0	Full	338	42	37.2	293	44	28.0	263	45	22.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					50°C - Copper Conductor - Concentric Strand					
4	1/2	117	42	35.6	101	44	26.3	90	45	21.1
4	Full	124	41	33.5	107	43	25.4	96	45	20.4
3	1/2	133	43	35.4	114	44	26.1	102	46	20.7
3	Full	141	42	33.3	122	44	25.2	109	45	20.1
2	1/2	151	43	35.1	129	45	25.8	115	46	20.6
2	Full	160	42	33.0	139	44	24.9	124	45	19.7
1	1/2	172	43	34.7	147	45	25.3	131	46	20.0
1	Full	183	42	32.8	158	44	24.5	141	45	19.5
1/0	1/2	196	44	34.1	167	45	24.8	148	46	19.7
1/0	Full	209	43	32.5	179	45	24.0	159	46	19.2
2/0	1/2	223	44	33.7	190	46	24.5	168	47	19.1
2/0	Full	238	43	32.1	204	45	23.5	181	46	18.6
3/0	1/2	253	44	32.9	215	46	23.8	190	47	18.7
3/0	Full	271	43	31.4	231	45	23.1	205	46	18.3
4/0	1/2	288	45	32.1	244	46	23.1	216	47	18.0
4/0	Full	308	44	30.8	263	45	22.4	233	46	17.6

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Copper Conductor - Concentric Strand										
4	1/2	168	71	112.6	145	76	84.2	130	79	67.3
4	Full	179	69	106.5	156	74	80.6	140	77	65.1
3	1/2	191	72	111.8	165	77	83.2	147	79	66.6
3	Full	204	70	106.2	177	75	80.0	159	78	64.5
2	1/2	218	73	111.0	187	77	82.4	167	80	65.6
2	Full	232	71	105.6	201	75	79.3	180	78	63.5
1	1/2	248	74	109.7	213	78	81.0	190	81	64.4
1	Full	265	72	104.5	229	76	78.0	205	79	62.4
1/0	1/2	282	75	108.3	242	79	79.6	215	81	63.0
1/0	Full	302	72	103.4	260	77	77.0	232	80	61.3
2/0	1/2	322	75	106.6	275	79	78.0	245	82	61.6
2/0	Full	344	73	102.0	296	78	75.5	264	80	60.2
3/0	1/2	366	76	104.5	313	80	76.3	278	82	60.1
3/0	Full	392	74	100.4	336	78	73.9	300	81	58.8
4/0	1/2	417	77	102.4	355	81	74.4	315	83	58.5
4/0	Full	447	75	98.5	383	79	72.3	341	81	57.3

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Copper Conductor - Concentric Strand										
4	1/2	153	74	93.8	131	79	67.9	116	81	53.3
4	Full	164	72	89.4	140	77	65.7	125	80	51.9
3	1/2	174	75	92.8	148	79	66.9	131	82	52.4
3	Full	186	73	88.8	159	78	65.0	141	80	51.1
2	1/2	198	76	91.7	168	80	65.9	148	82	51.4
2	Full	212	74	87.8	180	78	63.8	160	81	50.1
1	1/2	225	77	90.1	190	81	64.4	168	83	50.3
1	Full	241	75	86.7	205	79	62.6	181	81	49.0
1/0	1/2	255	77	88.4	215	81	63.0	190	83	48.9
1/0	Full	274	76	85.3	232	80	61.3	205	82	48.0
2/0	1/2	290	78	86.6	244	82	61.4	215	84	47.7
2/0	Full	311	76	83.6	263	80	60.0	233	82	46.8
3/0	1/2	329	79	84.6	277	82	59.8	243	84	46.2
3/0	Full	354	77	81.7	299	81	58.3	263	83	45.3
4/0	1/2	374	79	82.2	314	83	57.9	275	84	44.7
4/0	Full	402	78	79.7	339	81	56.7	298	83	44.1

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					80°C - Copper Conductor - Concentric Strand					
4	1/2	157	64	95.2	136	68	71.2	121	71	56.9
4	Full	167	62	90.3	145	66	68.2	131	69	55.2
3	1/2	179	65	94.7	154	69	70.3	138	71	56.2
3	Full	190	63	89.9	165	67	67.7	148	70	54.6
2	1/2	203	66	94.0	175	69	69.5	156	72	55.5
2	Full	217	64	89.4	188	68	67.1	168	70	53.7
1	1/2	232	66	92.9	199	70	68.3	177	72	54.5
1	Full	247	64	88.4	214	68	66.1	191	71	53.0
1/0	1/2	264	67	91.5	226	70	67.2	201	72	53.2
1/0	Full	282	65	87.4	243	69	65.1	217	71	52.0
2/0	1/2	300	68	90.0	257	71	65.9	228	73	52.0
2/0	Full	321	66	86.4	276	70	63.9	246	72	50.9
3/0	1/2	342	68	88.5	292	71	64.4	259	73	51.0
3/0	Full	366	67	85.0	314	70	62.7	280	72	49.7
4/0	1/2	390	69	86.5	332	72	62.9	294	74	49.5
4/0	Full	417	67	83.3	357	71	61.2	318	73	48.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. Size	60 Rho Interface Temp Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Interface Temp Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Interface Temp Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					100% LF					
					80°C - Copper Conductor - Concentric Strand					
4	1/2	143	67	79.2	122	71	57.4	108	73	45.0
4	Full	153	65	75.6	131	69	55.5	116	71	43.9
3	1/2	163	67	78.6	138	71	56.7	122	73	44.4
3	Full	174	66	75.1	149	70	54.8	132	72	43.3
2	1/2	185	68	77.5	157	71	55.8	138	73	43.4
2	Full	198	66	74.4	169	70	54.0	149	72	42.4
1	1/2	210	69	76.3	178	72	54.5	157	74	42.3
1	Full	225	67	73.3	191	71	53.0	169	73	41.6
1/0	1/2	238	69	74.8	201	72	53.2	177	74	41.3
1/0	Full	256	68	72.0	217	71	52.0	192	73	40.6
2/0	1/2	271	70	73.2	228	73	52.0	201	75	40.2
2/0	Full	291	68	70.7	246	72	50.7	217	74	39.5
3/0	1/2	307	71	71.6	258	73	50.5	227	75	39.2
3/0	Full	330	69	69.2	279	72	49.4	246	74	38.4
4/0	1/2	349	71	69.7	293	74	49.0	257	75	37.9
4/0	Full	376	70	67.4	316	73	48.0	279	74	37.3

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Copper Conductor - Concentric Strand										
4	1/2	151	61	86.7	130	64	64.6	117	66	51.9
4	Full	161	59	82.0	140	63	62.1	125	65	50.2
3	1/2	172	61	86.1	148	65	63.9	132	67	51.1
3	Full	183	59	81.6	159	63	61.5	142	66	49.5
2	1/2	195	62	85.5	168	65	63.3	150	67	50.4
2	Full	208	60	81.1	180	64	60.9	162	66	48.8
1	1/2	223	63	84.4	191	66	62.2	170	68	49.5
1	Full	238	61	80.5	205	64	60.2	184	67	48.0
1/0	1/2	254	63	83.2	217	66	61.1	193	68	48.5
1/0	Full	271	62	79.6	233	65	59.2	208	67	47.3
2/0	1/2	289	64	81.8	247	67	60.0	219	69	47.5
2/0	Full	309	62	78.4	266	66	58.2	237	67	46.1
3/0	1/2	329	64	80.4	280	67	58.5	249	69	46.2
3/0	Full	352	63	77.2	302	66	56.8	269	68	45.1
4/0	1/2	374	65	78.7	319	68	57.1	283	69	44.9
4/0	Full	401	63	75.8	343	67	55.6	306	68	44.1

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					75°C - Copper Conductor - Concentric Strand					
4	1/2	138	63	72.0	117	66	52.2	104	68	40.9
4	Full	147	61	68.7	126	65	50.5	112	67	40.0
3	1/2	156	64	71.4	133	67	51.6	117	69	40.4
3	Full	167	62	68.2	143	66	50.0	127	68	39.3
2	1/2	178	64	70.5	150	67	50.6	133	69	39.5
2	Full	190	63	67.7	162	66	49.1	143	68	38.7
1	1/2	202	65	69.3	171	68	49.5	150	69	38.6
1	Full	216	63	66.6	184	67	48.3	163	68	37.6
1/0	1/2	229	65	68.0	193	68	48.5	170	70	37.5
1/0	Full	246	64	65.6	208	67	47.3	184	69	36.8
2/0	1/2	260	66	66.6	219	69	47.3	193	70	36.6
2/0	Full	279	65	64.3	237	67	46.1	209	69	35.9
3/0	1/2	295	66	65.1	248	69	46.0	218	70	35.6
3/0	Full	318	65	62.9	268	68	44.9	236	70	34.9
4/0	1/2	335	67	63.3	281	69	44.5	247	71	34.4
4/0	Full	361	66	61.4	304	68	43.7	268	70	33.8

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
65°C - Copper Conductor - Concentric Strand										
4	1/2	137	54	69.3	119	56	51.6	106	58	41.4
4	Full	146	52	65.4	127	55	49.7	114	57	40.0
3	1/2	156	54	68.7	135	57	51.3	120	59	40.9
3	Full	166	53	65.3	144	56	49.2	129	57	39.6
2	1/2	178	55	68.2	153	57	50.6	136	59	40.3
2	Full	189	53	65.1	164	56	48.8	147	58	39.3
1	1/2	202	55	67.4	174	58	49.8	155	59	39.6
1	Full	216	54	64.4	187	57	48.0	167	58	38.4
1/0	1/2	230	56	66.5	197	58	48.9	176	60	38.7
1/0	Full	246	54	63.7	212	57	47.3	189	59	37.8
2/0	1/2	262	56	65.5	224	58	48.0	199	60	38.0
2/0	Full	281	55	62.7	241	57	46.4	215	59	37.0
3/0	1/2	299	57	64.4	255	59	46.8	226	60	37.1
3/0	Full	320	55	61.8	274	58	45.5	244	59	36.2
4/0	1/2	340	57	62.9	290	59	45.7	257	60	36.1
4/0	Full	365	56	60.6	312	58	44.5	277	60	35.2

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					65°C - Copper Conductor - Concentric Strand					
4	1/2	125	55	57.7	107	58	41.7	94	60	32.8
4	Full	134	54	55.2	115	57	40.3	102	59	32.0
3	1/2	142	56	57.0	121	58	41.2	107	60	32.4
3	Full	152	55	54.6	130	57	39.8	115	59	31.6
2	1/2	161	56	56.3	137	59	40.5	121	60	31.5
2	Full	173	55	54.0	147	58	39.3	130	59	31.0
1	1/2	183	57	55.5	155	59	39.6	137	61	31.0
1	Full	197	56	53.2	167	58	38.6	148	60	30.2
1/0	1/2	208	57	54.4	176	60	38.7	155	61	30.2
1/0	Full	223	56	52.5	189	59	37.8	167	60	29.5
2/0	1/2	237	58	53.2	199	60	37.7	175	61	29.3
2/0	Full	254	57	51.4	215	59	36.8	190	60	28.9
3/0	1/2	269	58	52.0	226	60	36.9	198	61	28.4
3/0	Full	289	57	50.3	244	59	36.0	215	61	28.0
4/0	1/2	305	59	50.7	256	60	35.6	224	62	27.6
4/0	Full	328	58	49.0	276	60	34.8	243	61	27.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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								
50°C - Copper Conductor - Concentric Strand										
4	1/2	111	43	43.3	96	45	32.3	86	46	25.9
4	Full	118	42	40.9	103	44	30.9	92	45	25.1
3	1/2	127	43	43.1	109	45	32.1	97	46	25.7
3	Full	135	42	40.9	117	44	30.8	105	45	24.9
2	1/2	144	43	42.6	124	45	31.5	110	46	25.1
2	Full	153	43	40.5	133	44	30.5	119	46	24.5
1	1/2	164	44	42.1	141	45	31.2	125	46	24.8
1	Full	175	43	40.1	151	45	30.0	135	46	24.0
1/0	1/2	187	44	41.6	160	46	30.7	142	47	24.2
1/0	Full	200	43	39.7	172	45	29.5	153	46	23.5
2/0	1/2	213	44	40.9	182	46	30.0	161	47	23.6
2/0	Full	227	44	39.3	195	45	29.1	174	46	23.2
3/0	1/2	242	45	40.1	206	46	29.3	183	47	23.2
3/0	Full	259	44	38.6	222	46	28.4	198	46	22.6
4/0	1/2	275	45	39.4	234	46	28.6	208	47	22.5
4/0	Full	295	44	37.9	252	46	27.8	224	47	22.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					50°C - Copper Conductor - Concentric Strand					
4	1/2	101	44	36.2	86	46	26.2	76	47	20.4
4	Full	108	43	34.5	93	45	25.4	82	46	19.9
3	1/2	115	44	35.6	98	46	25.7	86	47	20.1
3	Full	123	44	34.2	105	45	24.9	93	46	19.8
2	1/2	131	45	35.1	111	46	25.3	98	47	19.9
2	Full	140	44	33.8	119	46	24.5	106	47	19.4
1	1/2	149	45	34.7	126	46	24.8	111	47	19.3
1	Full	159	44	33.4	135	46	24.0	120	47	18.8
1/0	1/2	169	45	34.0	142	47	24.2	125	47	18.8
1/0	Full	181	44	32.8	153	46	23.5	135	47	18.5
2/0	1/2	192	45	33.2	161	47	23.6	142	48	18.4
2/0	Full	206	45	32.0	174	46	23.0	153	47	18.0
3/0	1/2	218	46	32.5	183	47	23.0	160	48	17.8
3/0	Full	234	45	31.4	197	47	22.6	174	47	17.6
4/0	1/2	247	46	31.5	207	47	22.3	182	48	17.3
4/0	Full	266	45	30.7	224	47	21.8	197	47	16.9

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Copper Conductor - Concentric Strand										
4	1/2	141	34	15.3	137	38	14.5	133	41	13.7
4	Full	151	34	14.6	146	37	13.8	143	40	13.2
3	1/2	160	35	15.8	155	38	14.8	151	41	14.0
3	Full	172	34	15.1	167	38	14.3	162	41	13.5
2	1/2	183	35	16.2	177	39	15.3	172	42	14.5
2	Full	196	35	15.6	190	38	14.8	185	41	14.0
1	1/2	209	35	16.9	202	39	15.8	196	42	15.0
1	Full	224	35	16.2	217	39	15.3	211	42	14.5
1/0	1/2	239	36	17.5	231	40	16.4	224	43	15.3
1/0	Full	256	35	16.9	248	39	15.8	241	42	14.8
2/0	1/2	273	36	18.2	264	40	16.9	255	44	15.8
2/0	Full	293	36	17.5	284	40	16.4	275	43	15.4
3/0	1/2	312	37	18.8	301	41	17.5	291	44	16.4
3/0	Full	336	36	18.2	324	40	16.9	314	44	15.9
4/0	1/2	357	37	19.6	344	41	18.2	332	45	16.9
4/0	Full	384	37	19.0	371	41	17.5	358	44	16.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Copper Conductor - Concentric Strand										
4	1/2	138	37	14.6	132	41	13.5	128	45	12.5
4	Full	148	36	14.2	142	41	13.0	137	45	12.2
3	1/2	157	37	15.1	151	42	14.0	145	46	12.9
3	Full	168	37	14.5	162	41	13.3	156	45	12.5
2	1/2	179	38	15.6	171	42	14.3	165	46	13.2
2	Full	192	37	15.0	184	42	13.8	177	46	12.9
1	1/2	204	38	16.1	195	43	14.8	188	47	13.7
1	Full	219	38	15.6	210	42	14.3	202	46	13.2
1/0	1/2	233	39	16.7	223	43	15.3	214	48	14.0
1/0	Full	250	38	16.1	240	43	14.8	230	47	13.5
2/0	1/2	266	39	17.2	254	44	15.8	243	48	14.3
2/0	Full	286	39	16.7	274	43	15.3	262	48	14.0
3/0	1/2	304	39	17.9	290	45	16.2	277	49	14.8
3/0	Full	327	39	17.4	312	44	15.8	299	48	14.5
4/0	1/2	348	40	18.5	331	45	16.7	316	50	15.3
4/0	Full	374	40	18.0	357	45	16.2	341	49	15.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
					80°C - Copper Conductor - Concentric Strand					
4	1/2	130	33	12.7	127	36	12.1	123	38	11.4
4	Full	140	33	12.2	136	35	11.6	132	38	10.9
3	1/2	149	33	13.2	144	36	12.4	140	39	11.7
3	Full	159	33	12.7	155	36	11.9	151	38	11.3
2	1/2	170	33	13.5	164	36	12.7	160	39	12.1
2	Full	182	33	13.0	176	36	12.2	171	39	11.6
1	1/2	194	34	14.0	188	37	13.2	182	40	12.4
1	Full	208	33	13.5	202	36	12.7	196	39	12.1
1/0	1/2	221	34	14.5	214	37	13.7	207	40	12.7
1/0	Full	238	34	14.0	230	37	13.2	223	40	12.4
2/0	1/2	253	34	15.1	244	38	14.0	237	41	13.2
2/0	Full	272	34	14.6	263	37	13.7	255	40	12.9
3/0	1/2	289	35	15.6	279	38	14.5	270	41	13.7
3/0	Full	311	34	15.1	300	38	14.2	291	41	13.2
4/0	1/2	331	35	16.2	319	39	15.1	308	42	14.2
4/0	Full	356	35	15.8	343	38	14.6	332	41	13.7

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
					80°C - Copper Conductor - Concentric Strand					
4	1/2	128	35	12.2	123	39	11.3	118	42	10.5
4	Full	137	35	11.7	132	38	10.9	127	41	10.1
3	1/2	145	35	12.5	140	39	11.6	134	42	10.8
3	Full	156	35	12.1	150	39	11.3	144	42	10.5
2	1/2	166	36	13.0	159	39	11.9	153	43	10.9
2	Full	178	35	12.5	171	39	11.6	164	42	10.6
1	1/2	189	36	13.3	181	40	12.2	174	43	11.3
1	Full	203	36	13.0	195	40	11.9	187	43	10.9
1/0	1/2	216	36	13.8	207	40	12.7	198	44	11.6
1/0	Full	232	36	13.3	222	40	12.2	213	43	11.3
2/0	1/2	247	37	14.3	236	41	13.0	225	44	12.1
2/0	Full	265	36	13.8	254	40	12.7	243	44	11.7
3/0	1/2	282	37	14.8	269	41	13.5	257	45	12.4
3/0	Full	303	37	14.5	290	41	13.2	277	44	12.1
4/0	1/2	322	38	15.4	306	42	14.0	293	46	12.7
4/0	Full	347	37	15.0	331	42	13.5	316	45	12.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Copper Conductor - Concentric Strand										
4	1/2	125	32	11.6	121	35	10.8	118	37	10.3
4	Full	134	32	11.1	130	34	10.5	127	37	10.0
3	1/2	142	32	11.9	138	35	11.1	134	37	10.6
3	Full	152	32	11.4	148	35	10.8	144	37	10.1
2	1/2	162	33	12.2	157	35	11.4	153	38	10.8
2	Full	174	32	11.7	169	35	11.1	164	37	10.5
1	1/2	185	33	12.7	179	36	11.9	174	38	11.3
1	Full	199	33	12.2	193	35	11.4	187	38	10.8
1/0	1/2	212	33	13.0	205	36	12.2	199	39	11.6
1/0	Full	227	33	12.7	220	36	11.9	214	38	11.3
2/0	1/2	242	33	13.5	234	36	12.7	226	39	11.9
2/0	Full	260	33	13.2	252	36	12.2	244	39	11.6
3/0	1/2	276	34	14.0	267	37	13.0	258	39	12.2
3/0	Full	297	33	13.7	287	36	12.7	278	39	11.9
4/0	1/2	316	34	14.6	305	37	13.5	294	40	12.7
4/0	Full	341	34	14.2	328	37	13.2	318	40	12.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Copper Conductor - Concentric Strand										
4	1/2	122	34	11.1	118	37	10.1	113	40	9.5
4	Full	131	34	10.6	126	37	9.8	122	40	9.2
3	1/2	139	34	11.4	134	38	10.5	129	41	9.6
3	Full	149	34	10.9	144	37	10.1	138	40	9.3
2	1/2	159	35	11.7	152	38	10.8	146	41	10.0
2	Full	170	34	11.3	164	38	10.5	157	41	9.6
1	1/2	181	35	12.1	174	39	11.1	167	42	10.3
1	Full	195	35	11.7	187	38	10.8	179	41	10.0
1/0	1/2	207	35	12.5	198	39	11.4	190	42	10.5
1/0	Full	222	35	12.1	213	39	11.1	204	42	10.3
2/0	1/2	236	36	12.9	225	39	11.7	216	43	10.8
2/0	Full	254	35	12.5	243	39	11.4	233	42	10.5
3/0	1/2	270	36	13.3	257	40	12.2	246	43	11.1
3/0	Full	290	36	13.0	277	39	11.9	265	43	10.8
4/0	1/2	308	36	13.8	293	40	12.5	280	44	11.4
4/0	Full	332	36	13.5	316	40	12.2	302	43	11.3

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
65°C - Copper Conductor - Concentric Strand										
4	1/2	113	31	9.0	109	33	8.5	106	35	8.0
4	Full	121	30	8.7	117	32	8.2	114	34	7.9
3	1/2	128	31	9.3	124	33	8.8	121	35	8.4
3	Full	138	31	9.0	134	33	8.5	130	35	8.0
2	1/2	146	31	9.6	142	33	9.0	138	35	8.5
2	Full	157	31	9.3	152	33	8.7	148	35	8.2
1	1/2	167	31	10.0	162	33	9.3	157	35	8.8
1	Full	179	31	9.6	174	33	9.0	169	35	8.5
1/0	1/2	191	31	10.3	185	34	9.6	179	36	9.0
1/0	Full	205	31	10.0	199	33	9.3	193	35	8.8
2/0	1/2	218	32	10.6	211	34	10.0	204	36	9.3
2/0	Full	234	31	10.3	227	34	9.6	220	36	9.0
3/0	1/2	249	32	11.1	240	34	10.3	232	36	9.6
3/0	Full	268	32	10.8	259	34	10.0	251	36	9.3
4/0	1/2	285	32	11.4	275	35	10.6	265	37	10.0
4/0	Full	307	32	11.1	296	34	10.5	286	37	9.6

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
65°C - Copper Conductor - Concentric Strand										
4	1/2	110	32	8.7	106	35	8.0	102	37	7.4
4	Full	118	32	8.4	114	34	7.7	110	37	7.2
3	1/2	126	32	9.0	120	35	8.2	116	37	7.6
3	Full	135	32	8.7	130	35	8.0	125	37	7.4
2	1/2	143	33	9.2	137	35	8.5	132	38	7.9
2	Full	154	32	8.8	147	35	8.2	142	37	7.6
1	1/2	163	33	9.5	156	36	8.7	150	38	8.0
1	Full	176	33	9.2	168	35	8.5	162	38	7.9
1/0	1/2	186	33	9.8	178	36	9.0	171	38	8.2
1/0	Full	200	33	9.5	192	36	8.7	184	38	8.0
2/0	1/2	213	33	10.1	203	36	9.3	195	39	8.5
2/0	Full	229	33	9.8	219	36	9.0	210	39	8.4
3/0	1/2	243	34	10.5	231	37	9.5	222	39	8.7
3/0	Full	262	33	10.3	250	36	9.3	239	39	8.5
4/0	1/2	278	34	10.9	264	37	9.8	252	40	9.0
4/0	Full	299	34	10.6	285	37	9.6	272	39	8.8

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
50°C - Copper Conductor - Concentric Strand										
4	1/2	90	29	5.5	87	30	5.1	85	31	5.0
4	Full	97	28	5.3	94	30	5.0	92	31	4.8
3	1/2	103	29	5.6	100	30	5.3	97	31	5.0
3	Full	110	29	5.5	107	30	5.1	104	31	4.8
2	1/2	117	29	5.8	113	30	5.5	110	31	5.1
2	Full	125	29	5.6	122	30	5.3	118	31	5.0
1	1/2	133	29	6.1	129	30	5.6	126	31	5.3
1	Full	143	29	5.8	139	30	5.5	135	31	5.1
1/0	1/2	152	29	6.3	147	30	5.8	143	32	5.5
1/0	Full	164	29	6.1	159	30	5.6	154	31	5.3
2/0	1/2	174	29	6.4	168	31	6.1	163	32	5.6
2/0	Full	187	29	6.3	181	30	6.0	176	32	5.5
3/0	1/2	199	29	6.8	192	31	6.3	186	32	5.8
3/0	Full	214	29	6.6	207	31	6.1	200	32	5.8
4/0	1/2	227	29	6.9	219	31	6.4	212	32	6.1
4/0	Full	245	29	6.8	236	31	6.3	228	32	6.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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						
50°C - Copper Conductor - Concentric Strand										
4	1/2	88	29	5.3	85	31	4.8	82	32	4.5
4	Full	95	29	5.1	91	31	4.7	88	32	4.3
3	1/2	100	30	5.5	96	31	5.0	93	33	4.7
3	Full	108	29	5.3	104	31	4.8	100	32	4.5
2	1/2	114	30	5.6	110	31	5.1	105	33	4.8
2	Full	123	30	5.5	118	31	5.0	114	33	4.7
1	1/2	130	30	5.8	125	32	5.3	120	33	5.0
1	Full	140	30	5.6	135	31	5.1	129	33	4.8
1/0	1/2	149	30	6.0	142	32	5.5	137	33	5.0
1/0	Full	160	30	5.8	153	32	5.3	147	33	5.0
2/0	1/2	170	30	6.1	162	32	5.6	155	34	5.1
2/0	Full	183	30	6.0	175	32	5.5	168	33	5.0
3/0	1/2	194	30	6.4	185	32	5.8	177	34	5.3
3/0	Full	209	30	6.3	199	32	5.6	191	34	5.1
4/0	1/2	221	31	6.6	211	32	6.0	201	34	5.5
4/0	Full	239	30	6.4	227	32	5.8	218	34	5.3

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Copper Conductor - Concentric Strand										
4	1/2	134	40	19.7	128	45	18.0	122	49	16.4
4	Full	144	39	19.0	137	44	17.3	132	48	15.9
3	1/2	153	40	20.2	145	45	18.3	139	50	16.8
3	Full	164	40	19.4	156	45	17.7	150	49	16.3
2	1/2	174	41	20.8	165	46	18.9	158	50	17.2
2	Full	187	40	20.0	178	45	18.2	170	49	16.7
1	1/2	198	41	21.5	188	47	19.3	180	51	17.6
1	Full	213	41	20.8	203	46	18.8	194	50	17.2
1/0	1/2	226	42	22.2	214	47	19.9	204	51	18.1
1/0	Full	243	41	21.5	231	47	19.3	220	51	17.6
2/0	1/2	258	42	22.9	244	48	20.5	232	52	18.5
2/0	Full	278	42	22.2	263	47	19.9	251	52	18.1
3/0	1/2	294	43	23.7	278	49	21.0	264	53	19.1
3/0	Full	317	43	23.0	300	48	20.6	285	52	18.7
4/0	1/2	336	44	24.5	317	49	21.7	301	54	19.6
4/0	Full	362	43	23.8	342	49	21.3	325	53	19.2

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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								
90°C - Copper Conductor - Concentric Strand										
4	1/2	129	44	18.2	121	50	16.0	114	55	14.3
4	Full	139	43	17.6	130	49	15.6	123	54	13.9
3	1/2	147	45	18.7	137	51	16.4	129	55	14.6
3	Full	158	44	18.1	148	50	15.9	140	55	14.2
2	1/2	167	45	19.2	156	51	16.7	147	56	14.9
2	Full	180	44	18.5	168	50	16.3	158	55	14.4
1	1/2	190	46	19.8	177	52	17.2	167	57	15.2
1	Full	205	45	19.2	191	51	16.7	180	56	14.9
1/0	1/2	217	46	20.4	202	53	17.6	189	57	15.5
1/0	Full	233	46	19.8	218	52	17.2	204	57	15.1
2/0	1/2	247	47	20.9	229	53	18.1	215	58	15.9
2/0	Full	266	46	20.4	248	53	17.6	232	57	15.6
3/0	1/2	281	48	21.6	261	54	18.5	244	59	16.3
3/0	Full	303	47	21.0	282	53	18.1	264	58	15.9
4/0	1/2	320	48	22.3	296	55	19.0	277	60	16.6
4/0	Full	346	48	21.7	320	54	18.7	299	59	16.3

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					80°C - Copper Conductor - Concentric Strand					
4	1/2	124	38	16.4	119	42	14.9	114	45	13.8
4	Full	133	37	15.8	127	41	14.4	122	44	13.3
3	1/2	141	38	16.8	135	42	15.2	129	46	14.0
3	Full	152	37	16.3	145	42	14.8	139	45	13.6
2	1/2	161	38	17.3	153	43	15.7	147	46	14.3
2	Full	173	38	16.7	165	42	15.2	158	45	14.0
1	1/2	184	39	17.9	175	43	16.2	167	47	14.8
1	Full	198	38	17.3	188	43	15.7	180	46	14.3
1/0	1/2	210	39	18.4	199	44	16.6	189	47	15.1
1/0	Full	225	39	17.9	214	43	16.2	204	47	14.7
2/0	1/2	239	40	19.0	226	44	17.1	216	48	15.5
2/0	Full	257	39	18.5	244	44	16.6	233	47	15.1
3/0	1/2	273	40	19.7	258	45	17.6	245	48	15.9
3/0	Full	294	40	19.1	278	44	17.2	265	48	15.6
4/0	1/2	311	41	20.4	294	45	18.1	279	49	16.4
4/0	Full	336	40	19.8	317	45	17.7	301	48	16.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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								
80°C - Copper Conductor - Concentric Strand										
4	1/2	120	41	15.2	112	46	13.4	106	50	11.9
4	Full	129	40	14.7	121	45	13.0	114	49	11.6
3	1/2	136	41	15.6	127	46	13.6	120	50	12.2
3	Full	146	41	15.1	137	46	13.3	130	50	11.8
2	1/2	155	42	16.0	145	47	14.0	136	51	12.4
2	Full	166	41	15.5	156	46	13.6	147	50	12.1
1	1/2	176	42	16.5	165	48	14.3	155	51	12.7
1	Full	190	42	16.0	178	47	14.0	167	51	12.4
1/0	1/2	201	43	16.9	187	48	14.7	176	52	13.0
1/0	Full	216	42	16.5	202	47	14.3	190	51	12.7
2/0	1/2	229	43	17.4	213	49	15.1	199	53	13.3
2/0	Full	247	43	16.9	230	48	14.8	216	52	13.0
3/0	1/2	260	44	18.0	242	49	15.5	226	53	13.5
3/0	Full	281	43	17.5	261	49	15.1	245	53	13.3
4/0	1/2	297	44	18.5	275	50	15.9	257	54	13.9
4/0	Full	320	44	18.1	297	49	15.6	278	53	13.6

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Copper Conductor - Concentric Strand										
4	1/2	119	36	14.8	114	40	13.4	109	43	12.4
4	Full	128	36	14.2	122	40	13.1	117	43	12.1
3	1/2	135	37	15.2	129	40	13.8	124	44	12.6
3	Full	145	36	14.7	139	40	13.3	133	43	12.3
2	1/2	154	37	15.6	147	41	14.1	140	44	13.0
2	Full	166	37	15.1	158	40	13.8	151	43	12.6
1	1/2	176	37	16.2	167	41	14.6	160	45	13.3
1	Full	189	37	15.6	180	41	14.1	172	44	13.0
1/0	1/2	201	38	16.6	190	42	15.0	181	45	13.6
1/0	Full	216	37	16.2	205	41	14.6	196	45	13.3
2/0	1/2	229	38	17.2	217	42	15.4	206	46	14.0
2/0	Full	246	38	16.7	234	42	15.0	223	45	13.6
3/0	1/2	261	39	17.7	247	43	15.8	234	46	14.3
3/0	Full	281	38	17.3	266	42	15.5	253	46	14.0
4/0	1/2	298	39	18.3	281	43	16.4	267	47	14.8
4/0	Full	321	39	17.9	303	43	15.9	288	46	14.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. Size	---- 60 Rho--- Amps	Interface Temp °C	Flux w/ft²	---- 90 Rho--- Amps	Interface Temp °C	Flux w/ft²	----120 Rho--- Amps	Interface Temp °C	Flux w/ft²
					100% LF					
75°C - Copper Conductor - Concentric Strand										
4	1/2	115	39	13.8	108	44	12.1	102	48	10.8
4	Full	123	39	13.3	116	43	11.7	110	47	10.5
3	1/2	130	40	14.1	122	44	12.4	115	48	11.0
3	Full	140	39	13.6	132	44	12.1	124	47	10.7
2	1/2	148	40	14.4	139	45	12.6	130	48	11.3
2	Full	159	40	14.0	149	44	12.3	141	48	10.9
1	1/2	169	41	14.9	158	45	13.0	148	49	11.5
1	Full	182	40	14.4	170	45	12.6	160	48	11.3
1/0	1/2	192	41	15.2	179	46	13.3	168	49	11.7
1/0	Full	207	41	14.9	193	45	13.0	182	49	11.5
2/0	1/2	219	41	15.7	203	46	13.6	191	50	11.9
2/0	Full	236	41	15.4	220	46	13.3	206	50	11.7
3/0	1/2	249	42	16.2	231	47	14.0	216	51	12.3
3/0	Full	269	42	15.8	250	46	13.6	234	50	12.1
4/0	1/2	284	43	16.7	263	47	14.3	246	51	12.5
4/0	Full	307	42	16.3	284	47	14.0	266	51	12.3

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
65°C - Copper Conductor - Concentric Strand										
4	1/2	107	34	11.7	102	37	10.6	98	39	9.8
4	Full	115	34	11.3	110	37	10.2	106	39	9.4
3	1/2	122	34	11.9	116	37	10.9	111	40	10.0
3	Full	131	34	11.6	125	37	10.6	120	39	9.7
2	1/2	139	34	12.3	132	38	11.1	127	40	10.2
2	Full	149	34	11.9	142	37	10.8	136	40	9.9
1	1/2	159	35	12.7	151	38	11.5	144	40	10.5
1	Full	171	34	12.3	162	38	11.1	155	40	10.2
1/0	1/2	181	35	13.1	171	38	11.8	164	41	10.7
1/0	Full	194	35	12.7	185	38	11.5	177	40	10.5
2/0	1/2	206	35	13.5	195	39	12.2	186	41	11.0
2/0	Full	222	35	13.1	211	38	11.8	201	41	10.8
3/0	1/2	235	36	13.9	222	39	12.5	211	42	11.3
3/0	Full	253	35	13.5	240	39	12.2	228	41	11.0
4/0	1/2	268	36	14.4	253	39	12.9	240	42	11.6
4/0	Full	289	36	14.0	273	39	12.5	260	42	11.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
65°C - Copper Conductor - Concentric Strand										
4	1/2	103	36	10.8	97	40	9.6	92	43	8.5
4	Full	111	36	10.5	104	40	9.2	99	42	8.3
3	1/2	117	37	11.0	110	40	9.8	104	43	8.6
3	Full	126	36	10.7	119	40	9.4	112	43	8.4
2	1/2	134	37	11.4	125	41	9.9	118	44	8.9
2	Full	144	37	11.0	135	40	9.7	127	43	8.6
1	1/2	152	37	11.7	142	41	10.2	134	44	9.1
1	Full	164	37	11.4	153	41	10.0	144	44	8.9
1/0	1/2	173	38	12.1	161	41	10.5	152	44	9.2
1/0	Full	187	37	11.7	174	41	10.2	164	44	9.1
2/0	1/2	197	38	12.4	183	42	10.7	172	45	9.4
2/0	Full	213	38	12.1	198	41	10.5	186	44	9.2
3/0	1/2	225	38	12.7	209	42	11.0	195	45	9.7
3/0	Full	242	38	12.4	225	42	10.8	212	45	9.4
4/0	1/2	256	39	13.2	237	43	11.3	222	46	9.9
4/0	Full	277	39	12.9	256	42	11.0	240	45	9.7

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					50°C - Copper Conductor - Concentric Strand					
4	1/2	86	31	7.1	82	32	6.5	79	34	5.9
4	Full	92	30	6.8	88	32	6.3	85	34	5.8
3	1/2	98	31	7.3	93	33	6.6	89	34	6.1
3	Full	105	31	7.1	100	32	6.5	96	34	5.9
2	1/2	111	31	7.5	106	33	6.8	101	34	6.3
2	Full	120	31	7.3	114	33	6.6	109	34	6.0
1	1/2	127	31	7.7	120	33	6.9	115	34	6.4
1	Full	136	31	7.5	130	33	6.8	124	34	6.3
1/0	1/2	144	31	8.0	137	33	7.2	131	35	6.5
1/0	Full	156	31	7.7	148	33	6.9	141	35	6.4
2/0	1/2	165	31	8.2	156	33	7.4	149	35	6.7
2/0	Full	177	31	8.0	168	33	7.2	161	35	6.6
3/0	1/2	188	32	8.4	177	34	7.6	169	35	6.8
3/0	Full	202	31	8.3	192	33	7.4	183	35	6.7
4/0	1/2	214	32	8.8	202	34	7.8	192	36	7.1
4/0	Full	231	32	8.5	218	34	7.6	208	35	6.9

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. Size	60 Rho Interface Amps	60 Rho Interface Temp °C	60 Rho Flux w/ft²	90 Rho Interface Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	120 Rho Interface Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²
					100% LF					
50°C - Copper Conductor - Concentric Strand										
4	1/2	83	32	6.6	78	34	5.8	73	36	5.2
4	Full	89	32	6.4	84	34	5.7	79	36	5.1
3	1/2	94	32	6.7	88	34	5.9	83	36	5.3
3	Full	101	32	6.6	95	34	5.8	90	36	5.2
2	1/2	107	32	6.9	100	35	6.0	94	36	5.5
2	Full	115	32	6.7	108	34	5.9	102	36	5.3
1	1/2	122	33	7.2	114	35	6.3	107	37	5.6
1	Full	131	32	6.9	123	35	6.0	116	36	5.5
1/0	1/2	138	33	7.3	129	35	6.4	121	37	5.7
1/0	Full	149	33	7.2	139	35	6.3	131	37	5.6
2/0	1/2	158	33	7.5	147	35	6.5	138	37	5.8
2/0	Full	170	33	7.4	159	35	6.4	149	37	5.7
3/0	1/2	179	33	7.7	167	36	6.7	156	37	5.9
3/0	Full	194	33	7.6	180	35	6.6	169	37	5.8
4/0	1/2	204	34	8.0	190	36	6.9	177	38	6.0
4/0	Full	221	33	7.8	205	36	6.7	192	38	5.9

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					90°C - Copper Conductor - Concentric Strand					
4	1/2	128	45	24.1	121	50	21.3	114	55	19.1
4	Full	138	44	23.3	130	50	20.6	123	54	18.5
3	1/2	146	45	24.7	137	51	21.7	129	55	19.5
3	Full	157	45	23.8	147	50	21.1	139	55	19.0
2	1/2	166	46	25.3	155	52	22.2	147	56	19.8
2	Full	178	45	24.5	167	51	21.6	158	55	19.4
1	1/2	189	46	26.0	177	52	22.8	166	57	20.3
1	Full	203	46	25.3	191	52	22.2	180	56	19.8
1/0	1/2	215	47	26.9	201	53	23.3	189	57	20.7
1/0	Full	232	46	26.0	217	52	22.8	204	57	20.3
2/0	1/2	245	48	27.6	228	54	23.9	214	58	21.2
2/0	Full	264	47	26.9	246	53	23.4	232	57	20.7
3/0	1/2	279	48	28.4	259	54	24.5	243	59	21.6
3/0	Full	301	48	27.7	280	54	24.0	263	58	21.2
4/0	1/2	318	49	29.3	295	55	25.2	276	60	22.1
4/0	Full	343	48	28.6	319	55	24.6	299	59	21.7

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Copper Conductor - Concentric Strand										
4	1/2	122	50	21.7	112	56	18.3	104	61	15.9
4	Full	131	49	21.0	121	55	17.8	113	60	15.6
3	1/2	138	50	22.2	127	57	18.7	118	62	16.2
3	Full	149	49	21.5	137	56	18.2	127	61	15.8
2	1/2	157	51	22.7	144	57	19.1	133	62	16.4
2	Full	169	50	22.0	155	57	18.6	144	61	16.1
1	1/2	178	51	23.3	163	58	19.5	151	63	16.7
1	Full	192	51	22.6	176	57	19.1	164	62	16.4
1/0	1/2	203	52	23.8	185	59	19.9	171	64	17.0
1/0	Full	219	51	23.2	200	58	19.5	186	63	16.7
2/0	1/2	231	53	24.4	210	60	20.3	194	64	17.3
2/0	Full	249	52	23.9	227	59	19.9	210	64	17.0
3/0	1/2	262	53	25.1	238	60	20.8	220	65	17.6
3/0	Full	283	53	24.5	258	60	20.4	238	64	17.3
4/0	1/2	298	54	25.8	270	61	21.2	249	66	17.9
4/0	Full	323	54	25.2	293	60	20.9	270	65	17.7

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					80°C - Copper Conductor - Concentric Strand					
4	1/2	119	41	20.1	112	46	17.7	106	50	15.9
4	Full	128	41	19.5	120	46	17.2	114	49	15.5
3	1/2	135	42	20.6	127	47	18.1	120	50	16.2
3	Full	145	41	19.9	137	46	17.6	130	50	15.8
2	1/2	154	42	21.1	144	47	18.5	136	51	16.5
2	Full	165	42	20.5	155	47	18.0	147	50	16.1
1	1/2	175	43	21.7	164	48	19.1	155	52	16.9
1	Full	189	42	21.1	177	47	18.5	167	51	16.5
1/0	1/2	199	43	22.3	186	48	19.5	175	52	17.3
1/0	Full	215	43	21.7	201	48	19.1	190	52	16.9
2/0	1/2	227	44	23.0	211	49	20.0	199	53	17.6
2/0	Full	245	43	22.4	228	48	19.5	215	52	17.3
3/0	1/2	259	44	23.6	240	50	20.5	226	53	18.0
3/0	Full	279	44	23.0	260	49	20.1	244	53	17.7
4/0	1/2	295	45	24.4	273	50	21.0	256	54	18.4
4/0	Full	318	45	23.8	296	50	20.6	278	54	18.1

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					80°C - Copper Conductor - Concentric Strand					
4	1/2	113	46	18.1	104	51	15.4	97	55	13.3
4	Full	122	45	17.5	112	50	15.0	105	55	13.0
3	1/2	128	46	18.4	118	52	15.6	110	56	13.6
3	Full	138	45	17.9	127	51	15.3	118	55	13.3
2	1/2	146	46	19.0	134	52	15.9	124	56	13.8
2	Full	157	46	18.4	144	51	15.6	134	56	13.5
1	1/2	166	47	19.5	152	53	16.3	141	57	14.0
1	Full	179	46	19.0	164	52	15.9	152	56	13.8
1/0	1/2	188	48	19.9	172	53	16.6	159	57	14.3
1/0	Full	203	47	19.5	186	53	16.3	172	57	14.0
2/0	1/2	214	48	20.4	195	54	17.0	180	58	14.5
2/0	Full	231	48	20.0	211	53	16.6	195	57	14.3
3/0	1/2	243	49	20.9	221	55	17.3	204	58	14.8
3/0	Full	263	48	20.5	239	54	17.0	221	58	14.5
4/0	1/2	277	49	21.5	251	55	17.7	231	59	15.0
4/0	Full	299	49	21.1	272	55	17.4	251	59	14.8

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Copper Conductor - Concentric Strand										
4	1/2	114	40	18.1	107	44	16.0	101	48	14.4
4	Full	122	39	17.5	115	44	15.6	109	47	14.0
3	1/2	129	40	18.5	122	45	16.4	115	48	14.7
3	Full	139	40	17.9	131	44	15.9	124	47	14.3
2	1/2	147	41	19.1	138	45	16.7	130	48	14.9
2	Full	158	40	18.4	149	45	16.3	141	48	14.6
1	1/2	168	41	19.6	157	46	17.1	148	49	15.3
1	Full	181	41	19.1	169	45	16.7	160	48	14.9
1/0	1/2	191	42	20.2	178	46	17.5	168	50	15.6
1/0	Full	206	41	19.6	192	46	17.1	182	49	15.3
2/0	1/2	217	42	20.7	202	47	18.0	191	50	15.9
2/0	Full	234	42	20.2	219	46	17.6	206	50	15.6
3/0	1/2	247	43	21.3	230	47	18.4	216	51	16.3
3/0	Full	267	42	20.8	249	47	18.0	234	50	16.0
4/0	1/2	282	43	22.0	262	48	19.0	245	51	16.7
4/0	Full	304	43	21.5	283	47	18.5	266	51	16.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Copper Conductor - Concentric Strand										
4	1/2	108	44	16.3	100	49	13.9	93	52	12.1
4	Full	116	43	15.8	107	48	13.5	100	52	11.8
3	1/2	123	44	16.7	113	49	14.1	105	53	12.3
3	Full	132	43	16.2	122	48	13.8	114	52	12.0
2	1/2	139	44	17.1	128	50	14.4	119	53	12.5
2	Full	150	44	16.6	138	49	14.1	129	53	12.2
1	1/2	159	45	17.5	145	50	14.7	135	54	12.7
1	Full	171	44	17.1	157	50	14.4	146	53	12.5
1/0	1/2	180	45	17.9	165	51	15.0	152	54	12.9
1/0	Full	194	45	17.5	178	50	14.7	165	54	12.7
2/0	1/2	205	46	18.4	187	51	15.3	173	55	13.1
2/0	Full	221	45	17.9	202	51	15.0	187	54	12.9
3/0	1/2	233	46	18.8	212	52	15.7	195	55	13.4
3/0	Full	252	46	18.4	229	51	15.4	212	55	13.2
4/0	1/2	265	47	19.4	240	52	16.0	221	56	13.6
4/0	Full	286	47	19.0	260	52	15.7	240	55	13.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					65°C - Copper Conductor - Concentric Strand					
4	1/2	103	37	14.3	97	40	12.7	92	43	11.4
4	Full	110	36	13.8	104	40	12.3	99	42	11.0
3	1/2	117	37	14.6	110	41	12.9	104	43	11.6
3	Full	126	37	14.2	118	40	12.6	112	43	11.2
2	1/2	133	37	15.0	124	41	13.2	118	44	11.8
2	Full	143	37	14.6	134	40	12.9	127	43	11.6
1	1/2	151	38	15.4	141	41	13.5	133	44	12.1
1	Full	163	37	15.0	153	41	13.2	144	44	11.8
1/0	1/2	172	38	15.8	161	42	13.9	151	44	12.3
1/0	Full	185	38	15.4	174	41	13.5	164	44	12.1
2/0	1/2	196	38	16.3	183	42	14.2	172	45	12.6
2/0	Full	211	38	15.9	197	42	13.9	186	44	12.4
3/0	1/2	223	39	16.8	207	43	14.6	195	45	12.9
3/0	Full	241	39	16.4	224	42	14.3	211	45	12.7
4/0	1/2	254	39	17.3	236	43	14.9	221	46	13.2
4/0	Full	274	39	16.9	255	43	14.6	240	45	13.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
65°C - Copper Conductor - Concentric Strand										
4	1/2	98	40	12.9	90	44	10.9	84	47	9.5
4	Full	105	39	12.5	97	43	10.6	91	46	9.3
3	1/2	111	40	13.2	102	44	11.1	95	47	9.6
3	Full	119	40	12.8	110	44	10.8	103	47	9.4
2	1/2	126	40	13.5	115	44	11.4	107	47	9.8
2	Full	136	40	13.1	125	44	11.1	116	47	9.6
1	1/2	143	41	13.8	131	45	11.7	122	48	10.0
1	Full	154	40	13.5	142	44	11.4	132	47	9.8
1/0	1/2	162	41	14.2	149	45	11.9	138	48	10.1
1/0	Full	175	41	13.8	161	45	11.7	149	48	10.0
2/0	1/2	185	42	14.5	169	46	12.1	156	49	10.3
2/0	Full	199	41	14.2	182	45	11.9	169	48	10.2
3/0	1/2	210	42	14.9	191	46	12.4	176	49	10.5
3/0	Full	227	42	14.6	207	46	12.2	191	49	10.4
4/0	1/2	239	42	15.3	217	47	12.7	200	49	10.7
4/0	Full	258	42	15.0	235	46	12.5	217	49	10.6

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					50°C - Copper Conductor - Concentric Strand					
4	1/2	82	32	8.7	77	34	7.7	73	36	7.0
4	Full	88	32	8.4	83	34	7.5	79	36	6.8
3	1/2	93	32	8.9	88	35	7.9	83	36	7.1
3	Full	101	32	8.6	95	34	7.7	90	36	6.9
2	1/2	106	33	9.1	100	35	8.0	94	36	7.2
2	Full	114	32	8.9	107	35	7.8	102	36	7.1
1	1/2	121	33	9.4	113	35	8.2	107	37	7.4
1	Full	130	33	9.1	122	35	8.0	115	36	7.2
1/0	1/2	137	33	9.6	128	35	8.4	121	37	7.5
1/0	Full	148	33	9.4	139	35	8.2	131	37	7.4
2/0	1/2	156	33	9.9	146	36	8.6	137	37	7.7
2/0	Full	169	33	9.7	158	35	8.5	149	37	7.5
3/0	1/2	178	34	10.2	166	36	8.9	156	38	7.8
3/0	Full	192	33	9.9	179	36	8.7	169	37	7.7
4/0	1/2	203	34	10.5	188	36	9.1	177	38	8.0
4/0	Full	219	34	10.3	204	36	8.9	191	38	7.9

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
50°C - Copper Conductor - Concentric Strand										
4	1/2	78	34	7.9	72	37	6.7	67	38	5.9
4	Full	84	34	7.7	78	36	6.6	73	38	5.7
3	1/2	89	34	8.0	82	37	6.8	76	39	5.9
3	Full	96	34	7.8	88	36	6.7	82	38	5.8
2	1/2	101	34	8.2	92	37	7.0	86	39	6.0
2	Full	108	34	8.0	100	37	6.8	93	39	5.9
1	1/2	114	35	8.4	105	37	7.1	97	39	6.2
1	Full	123	34	8.2	113	37	7.0	105	39	6.1
1/0	1/2	130	35	8.6	119	37	7.2	110	39	6.3
1/0	Full	140	35	8.4	129	37	7.1	119	39	6.2
2/0	1/2	148	35	8.8	135	38	7.4	125	40	6.4
2/0	Full	160	35	8.6	146	38	7.3	135	39	6.3
3/0	1/2	168	35	9.1	153	38	7.6	141	40	6.5
3/0	Full	181	35	8.9	166	38	7.4	153	40	6.4
4/0	1/2	191	36	9.3	173	38	7.7	160	40	6.6
4/0	Full	206	36	9.1	188	38	7.6	174	40	6.5

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Isolated Cable in Non-Metallic Conduit in Air

40°C Air Ambient

Condr Size	Neut. 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					
4	1/2	115	119	85	97
4	Full	123	128	91	104
3	1/2	130	135	96	111
3	Full	140	145	103	119
2	1/2	148	154	110	126
2	Full	160	166	118	135
1	1/2	169	176	125	144
1	Full	182	189	135	155
1/0	1/2	193	201	143	164
1/0	Full	208	216	154	177
2/0	1/2	220	230	163	188
2/0	Full	238	247	176	202
3/0	1/2	251	262	186	214
3/0	Full	271	283	201	231
4/0	1/2	287	300	213	245
4/0	Full	310	323	230	265

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Isolated Cable in Non-Metallic Conduit in Air

40°C Air Ambient

Condr Size	Neut. 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					
4	1/2	97	101	55	72
4	Full	104	108	59	78
3	1/2	110	115	62	82
3	Full	118	123	67	88
2	1/2	125	131	71	94
2	Full	135	140	76	101
1	1/2	143	149	81	107
1	Full	154	161	87	115
1/0	1/2	163	170	92	122
1/0	Full	176	183	99	132
2/0	1/2	186	194	105	139
2/0	Full	200	209	113	150
3/0	1/2	212	222	120	159
3/0	Full	229	239	129	172
4/0	1/2	242	254	137	182
4/0	Full	261	274	148	196

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Isolated Cable in Free Air

40°C Air Ambient

Condr Size	Neut. 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					
4	1/2	152	179	119	155
4	Full	161	188	126	163
3	1/2	174	205	136	178
3	Full	185	215	144	186
2	1/2	200	235	156	203
2	Full	212	247	165	214
1	1/2	231	271	180	233
1	Full	244	285	190	246
1/0	1/2	265	311	206	268
1/0	Full	282	328	219	282
2/0	1/2	306	358	237	307
2/0	Full	325	377	252	324
3/0	1/2	352	412	273	353
3/0	Full	374	435	290	372
4/0	1/2	407	474	315	405
4/0	Full	433	501	335	428

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Isolated Cable in Free Air

40°C Air Ambient

Condr Size	Neut. 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					
4	1/2	127	152	81	122
4	Full	135	160	86	128
3	1/2	146	175	93	140
3	Full	155	184	98	147
2	1/2	167	200	106	160
2	Full	178	211	112	168
1	1/2	193	231	122	183
1	Full	205	243	129	193
1/0	1/2	221	265	139	209
1/0	Full	236	279	148	221
2/0	1/2	255	305	160	240
2/0	Full	272	322	170	253
3/0	1/2	294	350	183	274
3/0	Full	313	370	195	290
4/0	1/2	339	404	211	314
4/0	Full	362	427	224	333

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Isolated Cable in Non-Metallic Unventilated Riser in Air

40°C Air Ambient

Condr Size	Neut. 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					
4	1/2	118	124	94	108
4	Full	126	132	101	115
3	1/2	134	141	108	123
3	Full	144	151	115	132
2	1/2	153	161	123	141
2	Full	164	173	132	151
1	1/2	175	185	140	161
1	Full	188	198	151	173
1/0	1/2	200	212	161	184
1/0	Full	215	227	173	198
2/0	1/2	229	242	184	211
2/0	Full	246	260	198	227
3/0	1/2	262	277	210	242
3/0	Full	282	298	226	260
4/0	1/2	299	318	240	277
4/0	Full	322	342	259	298

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Isolated Cable in Non-Metallic Unventilated Riser in Air

40°C Air Ambient

Condr Size	Neut. 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					
4	1/2	98	103	67	83
4	Full	105	111	72	89
3	1/2	112	118	76	95
3	Full	120	127	82	102
2	1/2	127	135	87	109
2	Full	137	145	94	117
1	1/2	146	154	100	124
1	Full	157	166	107	134
1/0	1/2	166	177	114	142
1/0	Full	179	190	123	153
2/0	1/2	190	202	130	163
2/0	Full	205	217	140	175
3/0	1/2	217	232	149	187
3/0	Full	234	249	161	201
4/0	1/2	249	265	170	214
4/0	Full	268	286	184	231

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
					90°C - Aluminum Conductor - Concentric Strand					
4	1/2	176	56	107.3	158	63	87.2	146	67	73.6
4	Full	183	53	97.2	167	60	80.6	154	64	68.8
3	1/2	201	57	107.8	181	64	87.4	166	68	73.4
3	Full	210	54	98.5	190	61	80.6	176	65	68.8
2	1/2	231	58	108.6	207	65	87.3	189	69	73.0
2	Full	241	56	99.2	218	62	81.1	200	66	68.9
1	1/2	265	60	108.9	237	66	86.8	216	70	72.3
1	Full	277	57	99.8	250	63	81.0	229	67	68.4
1/0	1/2	304	61	109.0	270	67	86.3	246	71	71.6
1/0	Full	318	58	100.3	286	64	80.7	262	68	67.9
2/0	1/2	348	62	108.6	309	68	85.5	281	72	70.7
2/0	Full	366	59	100.3	327	65	80.4	299	69	67.1
3/0	1/2	399	63	108.1	353	69	84.7	321	73	69.9
3/0	Full	420	60	99.8	374	66	79.5	342	70	66.4
4/0	1/2	458	64	107.3	404	70	83.4	366	73	68.3
4/0	Full	482	61	99.4	429	67	78.5	390	71	65.1

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Aluminum Conductor - Concentric Strand										
4	1/2	166	60	95.5	147	66	75.3	134	70	62.2
4	Full	174	57	87.6	156	64	70.5	142	68	58.7
3	1/2	190	61	95.9	168	67	75.1	152	71	62.0
3	Full	199	58	88.3	178	65	70.5	162	69	58.6
2	1/2	217	62	95.9	191	68	74.6	173	72	61.1
2	Full	228	59	88.5	203	66	70.1	184	70	58.2
1	1/2	248	63	95.9	218	69	73.9	197	73	60.5
1	Full	261	60	88.8	232	67	69.6	210	71	57.4
1/0	1/2	284	64	95.4	249	70	73.2	224	74	59.6
1/0	Full	299	62	88.6	264	68	69.0	239	72	56.6
2/0	1/2	325	65	94.5	284	71	72.1	255	75	58.4
2/0	Full	343	63	88.0	302	69	68.5	273	73	55.9
3/0	1/2	371	67	93.6	323	72	70.9	290	76	57.1
3/0	Full	392	64	87.4	344	70	67.4	311	74	54.7
4/0	1/2	425	68	92.2	369	73	69.7	330	77	55.9
4/0	Full	449	65	86.3	393	71	66.1	354	75	53.6

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
80°C - Aluminum Conductor - Concentric Strand										
4	1/2	164	52	90.7	148	57	73.6	136	60	62.2
4	Full	171	49	82.4	156	54	67.9	144	58	58.3
3	1/2	188	52	91.2	169	58	73.8	155	61	62.0
3	Full	196	50	83.2	178	55	68.3	164	59	58.1
2	1/2	216	53	91.8	193	59	73.8	177	62	61.9
2	Full	225	51	84.0	204	56	68.4	187	60	58.2
1	1/2	248	54	92.0	221	59	73.5	202	63	61.3
1	Full	259	52	84.5	233	57	68.4	214	61	57.8
1/0	1/2	284	55	92.0	253	60	73.2	230	64	60.7
1/0	Full	297	53	84.8	267	58	68.2	245	62	57.3
2/0	1/2	326	56	92.0	289	61	72.5	263	64	59.9
2/0	Full	342	54	84.8	306	59	67.8	280	62	56.6
3/0	1/2	373	57	91.5	330	62	71.6	300	65	58.8
3/0	Full	392	55	84.7	350	60	67.4	319	63	56.1
4/0	1/2	428	58	90.6	377	63	70.6	342	66	57.9
4/0	Full	451	56	84.0	401	61	66.4	365	64	55.3

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
80°C - Aluminum Conductor - Concentric Strand										
4	1/2	155	55	81.0	138	60	64.0	125	64	52.6
4	Full	162	52	74.0	145	58	59.6	133	61	49.5
3	1/2	177	55	81.1	157	61	63.7	142	64	52.2
3	Full	186	53	74.7	166	59	59.4	151	62	49.7
2	1/2	203	56	81.1	179	62	63.1	162	65	51.6
2	Full	213	54	75.0	189	59	59.4	172	63	49.2
1	1/2	232	57	81.0	204	63	62.5	184	66	51.1
1	Full	244	55	75.1	217	60	58.9	196	64	48.7
1/0	1/2	266	58	80.7	233	63	61.8	210	66	50.2
1/0	Full	280	56	75.0	247	61	58.4	224	65	47.9
2/0	1/2	304	59	80.1	265	64	61.0	238	67	49.4
2/0	Full	320	57	74.7	282	62	57.7	255	65	47.3
3/0	1/2	347	60	79.1	302	65	60.2	271	68	48.5
3/0	Full	367	58	74.0	322	63	57.1	290	66	46.5
4/0	1/2	397	61	78.2	345	66	58.9	309	69	47.1
4/0	Full	420	59	73.3	367	64	55.9	331	67	45.5

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Aluminum Conductor - Concentric Strand										
4	1/2	158	49	82.4	142	54	67.0	131	57	56.5
4	Full	164	47	74.9	150	52	61.8	138	55	53.0
3	1/2	181	50	83.2	163	55	67.1	149	58	56.4
3	Full	189	48	75.5	171	53	62.4	158	56	53.1
2	1/2	207	51	83.6	186	55	67.2	170	59	56.1
2	Full	216	48	76.2	196	53	62.3	180	57	52.9
1	1/2	238	52	83.7	213	56	66.8	194	59	55.8
1	Full	249	49	76.6	224	54	62.5	206	57	52.7
1/0	1/2	273	52	83.7	243	57	66.4	221	60	55.1
1/0	Full	286	50	76.9	257	55	62.2	235	58	52.0
2/0	1/2	313	53	83.7	278	58	66.0	253	61	54.5
2/0	Full	328	51	77.2	294	56	61.7	269	59	51.6
3/0	1/2	359	54	83.3	317	59	65.0	288	62	53.7
3/0	Full	377	52	76.7	336	57	61.3	307	60	50.9
4/0	1/2	411	55	82.4	363	59	64.1	329	62	52.7
4/0	Full	433	53	76.5	385	57	60.5	351	61	50.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Aluminum Conductor - Concentric Strand										
4	1/2	149	52	73.6	132	57	57.8	120	60	47.7
4	Full	156	50	67.5	140	55	54.3	128	58	45.1
3	1/2	170	53	73.8	151	58	57.7	137	61	47.5
3	Full	179	50	67.9	160	55	53.9	145	59	45.0
2	1/2	195	54	73.8	172	58	57.4	156	61	47.1
2	Full	205	51	68.0	182	56	54.1	166	59	44.7
1	1/2	223	54	73.9	196	59	57.0	177	62	46.4
1	Full	235	52	68.4	208	57	53.8	189	60	44.0
1/0	1/2	255	55	73.5	224	60	56.2	201	63	45.6
1/0	Full	269	53	68.2	238	58	53.2	215	61	43.7
2/0	1/2	292	56	72.9	255	61	55.5	229	63	44.7
2/0	Full	308	54	67.8	271	59	52.7	245	62	42.9
3/0	1/2	334	57	71.9	291	61	54.7	261	64	44.0
3/0	Full	353	55	67.1	309	59	52.0	279	62	42.0
4/0	1/2	382	58	71.0	331	62	53.6	297	65	42.8
4/0	Full	404	56	66.4	353	60	51.0	318	63	41.2

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
					65°C - Aluminum Conductor - Concentric Strand					
4	1/2	144	44	65.7	129	48	53.4	119	51	45.1
4	Full	150	43	60.0	136	46	49.5	126	49	42.5
3	1/2	164	45	66.2	148	49	53.5	136	51	45.0
3	Full	172	43	60.3	156	47	49.7	143	50	42.4
2	1/2	188	46	66.8	169	49	53.7	155	52	45.1
2	Full	197	44	61.1	178	48	50.0	164	50	42.2
1	1/2	216	46	66.8	193	50	53.4	176	53	44.4
1	Full	226	45	61.3	204	48	49.9	187	51	42.0
1/0	1/2	248	47	67.1	221	51	53.2	201	53	44.1
1/0	Full	260	45	61.5	233	49	49.8	214	52	41.9
2/0	1/2	285	48	66.7	253	51	52.7	230	54	43.6
2/0	Full	299	46	61.7	267	50	49.4	244	52	41.1
3/0	1/2	326	48	66.4	289	52	52.0	262	54	43.0
3/0	Full	343	47	61.6	306	50	48.9	279	53	40.6
4/0	1/2	374	49	66.1	330	53	51.3	299	55	42.2
4/0	Full	394	47	61.2	350	51	48.4	319	53	40.2

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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						
65°C - Aluminum Conductor - Concentric Strand										
4	1/2	136	47	58.7	120	50	46.4	109	53	38.1
4	Full	142	45	53.9	127	49	43.4	116	51	36.4
3	1/2	155	47	59.0	137	51	46.3	124	54	38.2
3	Full	163	45	54.3	145	49	43.3	132	52	36.1
2	1/2	177	48	59.0	156	52	45.9	141	54	37.7
2	Full	186	46	54.5	166	50	43.0	151	53	35.7
1	1/2	203	49	58.9	178	52	45.6	161	55	37.3
1	Full	213	47	54.6	189	51	42.8	172	53	35.4
1/0	1/2	232	49	58.8	203	53	45.2	183	55	36.6
1/0	Full	244	48	54.3	216	51	42.6	196	54	35.1
2/0	1/2	266	50	58.1	232	54	44.4	208	56	36.1
2/0	Full	280	48	54.1	247	52	42.2	223	54	34.3
3/0	1/2	304	51	57.5	264	54	43.7	237	56	35.1
3/0	Full	321	49	53.7	281	53	41.3	254	55	33.7
4/0	1/2	347	51	56.9	301	55	42.8	270	57	34.3
4/0	Full	367	50	53.3	321	53	40.9	289	55	33.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
50°C - Aluminum Conductor - Concentric Strand										
4	1/2	117	37	41.2	105	40	33.3	96	41	28.5
4	Full	121	36	37.2	110	38	31.1	102	40	26.3
3	1/2	133	37	41.6	120	40	33.5	110	42	28.0
3	Full	139	36	37.8	126	39	31.0	116	40	26.3
2	1/2	153	38	41.8	137	40	33.6	125	42	28.3
2	Full	160	37	38.1	144	39	31.1	133	41	26.2
1	1/2	176	38	42.0	157	41	33.4	143	42	27.9
1	Full	184	37	38.5	165	40	31.0	152	41	26.3
1/0	1/2	201	39	41.9	179	41	33.2	163	43	27.5
1/0	Full	211	38	38.5	189	40	30.9	173	42	26.0
2/0	1/2	231	39	41.8	205	41	32.8	186	43	27.1
2/0	Full	242	38	38.6	217	40	31.0	198	42	26.0
3/0	1/2	265	40	41.6	234	42	32.7	212	43	26.8
3/0	Full	278	39	38.5	248	41	30.6	226	42	25.5
4/0	1/2	303	40	41.2	268	42	32.0	242	44	26.2
4/0	Full	319	39	38.3	284	41	30.1	258	43	25.2

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - One Single Phase Cable

25°C Earth Ambient

Condr Size	Neut. 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					
50°C - Aluminum Conductor - Concentric Strand										
4	1/2	110	38	36.8	98	41	28.9	89	43	24.1
4	Full	115	37	33.7	103	40	27.2	94	42	22.8
3	1/2	126	39	36.9	111	41	28.9	101	43	23.8
3	Full	132	38	34.0	118	40	27.2	107	42	22.5
2	1/2	144	39	36.9	127	42	28.7	115	43	23.4
2	Full	151	38	34.0	134	41	27.0	122	42	22.5
1	1/2	165	40	36.9	145	42	28.3	131	44	23.2
1	Full	173	39	34.2	154	41	26.7	139	43	22.0
1/0	1/2	188	40	36.6	165	42	28.3	149	44	23.0
1/0	Full	198	39	33.9	175	42	26.8	159	43	21.9
2/0	1/2	215	41	36.4	188	43	27.8	169	44	22.4
2/0	Full	227	40	33.9	200	42	26.3	181	43	21.6
3/0	1/2	246	41	36.1	214	43	27.2	192	45	22.0
3/0	Full	260	40	33.7	228	42	25.8	206	44	21.0
4/0	1/2	282	41	35.3	244	44	26.8	219	45	21.6
4/0	Full	298	40	33.4	260	43	25.5	234	44	20.6

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Aluminum Conductor - Concentric Strand										
4	1/2	149	66	108.1	130	72	83.3	118	75	67.8
4	Full	157	63	101.0	139	69	79.0	126	73	65.1
3	1/2	169	67	108.1	148	72	82.8	134	76	67.2
3	Full	179	64	101.2	158	70	78.6	143	74	64.5
2	1/2	193	68	107.8	169	73	82.0	152	76	66.7
2	Full	204	65	101.2	180	71	78.3	163	74	63.8
1	1/2	221	69	107.0	192	74	81.2	173	77	65.6
1	Full	234	66	100.6	205	72	77.5	185	75	63.1
1/0	1/2	252	70	106.1	219	75	80.0	196	78	64.5
1/0	Full	267	67	100.0	234	73	76.5	211	76	62.1
2/0	1/2	288	71	105.1	249	76	78.8	223	78	63.3
2/0	Full	306	68	99.2	267	73	75.5	240	77	61.0
3/0	1/2	328	72	103.4	284	76	77.4	254	79	61.8
3/0	Full	349	69	98.1	304	74	74.2	273	77	59.9
4/0	1/2	375	73	101.8	323	77	75.6	289	80	60.4
4/0	Full	400	70	96.7	347	75	72.9	311	78	58.5

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					90°C - Aluminum Conductor - Concentric Strand					
4	1/2	137	70	92.3	118	75	68.8	106	78	54.8
4	Full	146	67	87.1	127	73	65.7	113	76	53.0
3	1/2	156	70	91.8	134	75	68.1	120	78	54.0
3	Full	166	68	86.7	144	73	65.1	129	77	52.2
2	1/2	178	71	91.0	152	76	67.2	136	79	53.3
2	Full	189	69	86.4	163	74	64.6	146	77	51.6
1	1/2	202	72	90.0	173	77	66.1	154	80	52.2
1	Full	216	70	85.3	186	75	63.6	166	78	50.6
1/0	1/2	230	73	88.8	197	78	64.8	175	80	50.9
1/0	Full	246	71	84.5	211	76	62.4	188	79	49.6
2/0	1/2	262	74	87.2	224	78	63.5	198	81	49.7
2/0	Full	280	72	83.2	240	77	61.2	214	79	48.5
3/0	1/2	299	75	85.7	254	79	61.8	224	81	48.4
3/0	Full	319	73	81.8	273	77	59.9	242	80	47.2
4/0	1/2	340	76	83.7	288	80	60.1	255	82	46.9
4/0	Full	364	74	80.3	310	78	58.5	275	81	46.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					80°C - Aluminum Conductor - Concentric Strand					
4	1/2	139	60	91.7	122	64	70.6	110	67	57.3
4	Full	147	57	85.5	130	62	66.9	117	65	54.8
3	1/2	158	60	91.5	138	65	69.9	125	68	57.0
3	Full	167	58	85.5	148	63	66.6	134	66	54.6
2	1/2	181	61	91.3	158	66	69.6	142	68	56.2
2	Full	191	59	85.5	168	64	66.1	152	67	54.2
1	1/2	206	62	90.6	180	66	68.6	161	69	55.3
1	Full	219	60	85.3	192	65	65.6	173	67	53.4
1/0	1/2	236	63	89.9	204	67	67.7	183	70	54.4
1/0	Full	250	61	84.8	218	65	64.8	197	68	52.5
2/0	1/2	269	64	88.8	233	68	66.6	208	70	53.6
2/0	Full	286	62	83.9	249	66	63.8	224	69	51.8
3/0	1/2	307	64	87.6	265	68	65.5	237	71	52.3
3/0	Full	327	62	83.0	284	67	62.8	255	69	50.6
4/0	1/2	350	65	86.0	302	69	64.1	270	71	51.1
4/0	Full	373	63	81.9	324	67	61.5	290	70	49.5

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					80°C - Aluminum Conductor - Concentric Strand					
4	1/2	128	63	78.1	111	67	58.2	99	70	46.5
4	Full	136	60	73.7	118	65	55.8	106	68	44.9
3	1/2	146	63	77.7	126	68	57.6	112	70	45.9
3	Full	155	61	73.2	134	66	55.2	120	69	44.1
2	1/2	166	64	77.1	143	68	56.8	127	71	44.9
2	Full	177	62	73.0	153	67	54.5	136	69	43.8
1	1/2	189	65	76.1	162	69	55.9	144	71	44.2
1	Full	201	63	72.3	174	67	53.6	155	70	42.8
1/0	1/2	215	66	75.2	184	70	54.9	163	72	43.2
1/0	Full	230	64	71.5	197	68	52.8	176	71	41.9
2/0	1/2	245	66	74.0	209	70	53.6	185	72	42.1
2/0	Full	262	65	70.4	224	69	51.8	200	71	41.1
3/0	1/2	279	67	72.5	237	71	52.3	210	73	41.1
3/0	Full	298	65	69.4	255	69	50.6	226	72	39.9
4/0	1/2	318	68	70.8	269	71	50.9	238	73	39.8
4/0	Full	340	66	67.8	290	70	49.5	257	72	38.9

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Aluminum Conductor - Concentric Strand										
4	1/2	133	57	83.3	117	61	64.1	106	63	52.4
4	Full	141	54	77.8	125	59	60.7	113	62	49.9
3	1/2	152	57	83.1	133	61	63.6	120	64	51.6
3	Full	161	55	77.7	142	60	60.6	128	62	49.5
2	1/2	174	58	82.9	151	62	63.2	136	65	51.3
2	Full	184	56	77.7	162	60	60.0	146	63	49.3
1	1/2	198	59	82.3	173	63	62.5	155	65	50.3
1	Full	210	57	77.5	184	61	59.5	166	64	48.4
1/0	1/2	226	59	81.6	196	63	61.6	176	66	49.6
1/0	Full	240	58	77.1	210	62	58.9	189	64	47.7
2/0	1/2	258	60	80.9	224	64	60.5	200	66	48.5
2/0	Full	275	58	76.3	239	62	58.2	215	65	46.9
3/0	1/2	295	61	79.6	255	65	59.4	228	67	47.5
3/0	Full	314	59	75.4	273	63	57.2	245	65	46.0
4/0	1/2	337	62	78.2	290	65	58.1	259	67	46.5
4/0	Full	359	60	74.5	311	64	56.0	279	66	45.1

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. Size	---- 60 Rho--- Amps	Interface Temp °C	Flux w/ft²	---- 90 Rho--- Amps	Interface Temp °C	Flux w/ft²	----120 Rho--- Amps	Interface Temp °C	Flux w/ft²
					100% LF					
75°C - Aluminum Conductor - Concentric Strand										
4	1/2	123	59	70.9	106	63	53.0	95	66	42.1
4	Full	131	57	66.9	114	62	50.5	102	64	40.6
3	1/2	140	60	70.5	121	64	52.5	108	66	41.7
3	Full	149	58	66.6	129	62	50.1	116	65	40.2
2	1/2	160	61	70.1	137	64	51.6	122	67	40.9
2	Full	170	59	66.4	147	63	49.6	131	65	39.7
1	1/2	182	61	69.2	156	65	50.9	138	67	40.0
1	Full	194	60	65.9	167	64	48.9	149	66	38.9
1/0	1/2	207	62	68.3	177	66	49.9	157	68	39.2
1/0	Full	221	60	65.1	190	64	48.0	169	66	38.1
2/0	1/2	236	63	67.1	201	66	48.7	178	68	38.3
2/0	Full	252	61	64.0	216	65	47.2	192	67	37.2
3/0	1/2	268	63	66.0	228	67	47.7	202	68	37.2
3/0	Full	287	62	63.0	245	65	46.0	218	67	36.3
4/0	1/2	305	64	64.3	259	67	46.3	229	69	36.1
4/0	Full	327	62	61.8	279	66	44.9	247	68	35.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
65°C - Aluminum Conductor - Concentric Strand										
4	1/2	121	50	66.6	106	54	51.1	96	56	41.8
4	Full	128	49	62.0	113	52	48.6	103	54	40.0
3	1/2	138	51	66.6	121	54	51.0	109	56	41.4
3	Full	146	49	62.1	129	53	48.3	117	55	39.6
2	1/2	158	51	66.4	138	55	50.4	124	57	40.9
2	Full	167	50	62.3	147	53	48.1	133	55	39.4
1	1/2	180	52	65.9	157	55	50.0	141	57	40.3
1	Full	191	50	62.0	168	54	47.5	151	56	38.9
1/0	1/2	206	53	65.3	179	56	49.3	160	58	39.7
1/0	Full	218	51	61.6	191	54	47.2	172	56	38.1
2/0	1/2	235	53	64.5	203	56	48.5	182	58	38.8
2/0	Full	250	52	61.0	218	55	46.4	196	57	37.5
3/0	1/2	268	54	63.8	232	57	47.5	207	58	38.0
3/0	Full	285	52	60.4	248	55	45.8	223	57	36.7
4/0	1/2	306	54	62.7	264	57	46.5	236	59	37.0
4/0	Full	326	53	59.4	283	56	44.9	254	58	36.1

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
65°C - Aluminum Conductor - Concentric Strand										
4	1/2	112	52	56.7	97	56	42.4	86	58	33.8
4	Full	119	51	53.6	103	54	40.6	93	56	32.5
3	1/2	128	53	56.4	110	56	42.0	98	58	33.3
3	Full	135	51	53.4	117	55	40.2	105	57	32.1
2	1/2	145	54	55.9	125	57	41.4	111	58	32.8
2	Full	154	52	53.0	133	55	39.7	119	57	31.6
1	1/2	165	54	55.3	142	57	40.6	126	59	32.0
1	Full	176	53	52.5	152	56	39.2	135	58	31.1
1/0	1/2	188	55	54.7	161	57	40.0	143	59	31.5
1/0	Full	201	53	52.0	172	56	38.4	154	58	30.4
2/0	1/2	214	55	53.8	183	58	39.0	162	59	30.6
2/0	Full	229	54	51.3	196	57	37.8	174	59	29.8
3/0	1/2	244	56	52.6	207	58	38.0	183	60	29.9
3/0	Full	261	54	50.4	223	57	37.0	198	59	29.2
4/0	1/2	278	56	51.6	235	59	37.0	208	60	28.9
4/0	Full	297	55	49.3	253	58	35.8	224	59	28.2

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
50°C - Aluminum Conductor - Concentric Strand										
4	1/2	98	41	41.5	86	43	31.9	78	44	26.0
4	Full	104	40	38.7	92	42	30.4	83	43	25.1
3	1/2	112	41	41.4	98	43	31.8	88	45	25.8
3	Full	119	40	39.0	105	42	30.3	95	44	24.9
2	1/2	128	42	41.4	112	44	31.6	100	45	25.5
2	Full	135	40	38.8	119	43	30.1	108	44	24.6
1	1/2	146	42	41.1	127	44	31.1	114	45	25.3
1	Full	155	41	38.6	136	43	29.7	123	44	24.2
1/0	1/2	167	42	40.8	145	44	30.7	130	45	24.8
1/0	Full	177	41	38.4	155	43	29.3	139	45	24.0
2/0	1/2	191	43	40.3	165	45	30.4	148	46	24.2
2/0	Full	203	42	38.3	176	44	29.1	159	45	23.5
3/0	1/2	218	43	39.7	188	45	29.7	168	46	23.8
3/0	Full	231	42	37.7	201	44	28.5	180	45	23.1
4/0	1/2	248	43	39.1	214	45	29.1	191	46	23.1
4/0	Full	265	42	37.2	229	44	28.0	205	45	22.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Two Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
50°C - Aluminum Conductor - Concentric Strand										
4	1/2	91	42	35.6	78	44	26.3	70	45	21.1
4	Full	96	41	33.5	84	43	25.4	75	45	20.4
3	1/2	103	43	35.4	89	44	26.1	79	46	20.7
3	Full	110	42	33.3	95	44	25.2	85	45	20.1
2	1/2	118	43	35.1	101	45	25.8	90	46	20.6
2	Full	125	42	33.0	108	44	24.9	97	45	19.7
1	1/2	134	43	34.7	115	45	25.3	102	46	20.0
1	Full	143	42	32.8	123	44	24.5	110	45	19.5
1/0	1/2	153	44	34.1	130	45	24.8	116	46	19.7
1/0	Full	163	43	32.5	140	45	24.0	124	46	19.2
2/0	1/2	174	44	33.7	148	46	24.5	131	47	19.1
2/0	Full	186	43	32.1	159	45	23.5	141	46	18.6
3/0	1/2	198	44	32.9	168	46	23.8	149	47	18.7
3/0	Full	211	43	31.4	181	45	23.1	160	46	18.3
4/0	1/2	225	45	32.1	191	46	23.1	168	47	18.0
4/0	Full	241	44	30.8	205	45	22.4	182	46	17.6

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Aluminum Conductor - Concentric Strand										
4	1/2	131	71	112.6	113	76	84.2	101	79	67.3
4	Full	139	69	106.5	121	74	80.6	109	77	65.1
3	1/2	149	72	111.8	128	77	83.2	115	79	66.6
3	Full	159	70	106.2	138	75	80.0	124	78	64.5
2	1/2	170	73	111.0	146	77	82.4	130	80	65.6
2	Full	181	71	105.6	157	75	79.3	140	78	63.5
1	1/2	193	74	109.7	166	78	81.0	148	81	64.4
1	Full	206	72	104.5	178	76	78.0	159	79	62.4
1/0	1/2	220	75	108.3	189	79	79.6	168	81	63.0
1/0	Full	235	72	103.4	203	77	77.0	181	80	61.3
2/0	1/2	251	75	106.6	214	79	78.0	191	82	61.6
2/0	Full	268	73	102.0	231	78	75.5	206	80	60.2
3/0	1/2	285	76	104.5	244	80	76.3	216	82	60.3
3/0	Full	306	74	100.4	262	78	73.9	234	81	58.8
4/0	1/2	325	77	102.4	277	81	74.4	246	83	58.5
4/0	Full	349	75	98.5	299	79	72.3	266	81	57.3

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Aluminum Conductor - Concentric Strand										
4	1/2	119	74	93.8	102	79	67.9	90	81	53.3
4	Full	128	72	89.4	109	77	65.7	97	80	51.9
3	1/2	136	75	92.8	115	79	66.9	102	82	52.4
3	Full	145	73	88.8	124	78	65.0	110	80	51.1
2	1/2	154	76	91.7	130	80	65.9	115	82	51.4
2	Full	165	74	87.8	141	78	63.8	124	81	50.1
1	1/2	175	77	90.1	148	81	64.4	131	83	50.3
1	Full	188	75	86.7	160	79	62.6	141	81	49.0
1/0	1/2	199	77	88.4	168	81	63.0	148	83	48.9
1/0	Full	213	76	85.3	181	80	61.3	160	82	48.0
2/0	1/2	226	78	86.6	190	82	61.4	167	84	47.7
2/0	Full	243	76	83.6	205	80	60.0	181	82	46.8
3/0	1/2	257	79	84.6	216	82	59.8	190	84	46.2
3/0	Full	276	77	81.7	233	81	58.3	205	83	45.3
4/0	1/2	291	79	82.2	245	83	57.9	215	84	44.7
4/0	Full	314	78	79.7	264	81	56.7	233	83	44.1

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
80°C - Aluminum Conductor - Concentric Strand										
4	1/2	122	64	95.2	106	68	71.2	95	71	56.9
4	Full	130	62	90.3	113	66	68.2	102	69	55.2
3	1/2	139	65	94.7	120	69	70.3	107	71	56.2
3	Full	148	63	89.9	129	67	67.7	115	70	54.6
2	1/2	158	66	94.0	136	69	69.5	122	72	55.5
2	Full	169	64	89.4	146	68	67.1	131	70	53.7
1	1/2	181	66	92.9	155	70	68.3	138	72	54.5
1	Full	193	64	88.4	167	68	66.1	149	71	53.0
1/0	1/2	206	67	91.5	176	70	67.2	157	72	53.2
1/0	Full	220	65	87.4	189	69	65.1	169	71	52.0
2/0	1/2	234	68	90.2	200	71	65.9	178	73	52.3
2/0	Full	251	66	86.4	215	70	63.9	192	72	50.9
3/0	1/2	267	68	88.5	228	71	64.4	202	73	51.0
3/0	Full	286	67	85.0	245	70	62.7	218	72	49.7
4/0	1/2	304	69	86.5	259	72	62.9	230	74	49.5
4/0	Full	326	67	83.3	279	71	61.2	248	73	48.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
80°C - Aluminum Conductor - Concentric Strand										
4	1/2	112	67	79.2	95	71	57.4	84	73	45.0
4	Full	119	65	75.6	102	69	55.5	91	71	43.9
3	1/2	127	67	78.6	108	71	56.7	95	73	44.4
3	Full	136	66	75.1	116	70	54.8	103	72	43.3
2	1/2	144	68	77.5	122	71	55.8	108	73	43.4
2	Full	154	66	74.4	131	70	54.0	116	72	42.4
1	1/2	164	69	76.3	138	72	54.5	122	74	42.3
1	Full	175	67	73.3	149	71	53.0	132	73	41.6
1/0	1/2	186	69	74.8	157	72	53.2	138	74	41.3
1/0	Full	199	68	72.0	169	71	52.0	149	73	40.6
2/0	1/2	211	70	73.2	178	73	52.0	156	75	40.2
2/0	Full	227	68	70.7	192	72	50.7	169	74	39.5
3/0	1/2	240	71	71.6	201	73	50.5	177	75	39.2
3/0	Full	258	69	69.2	218	72	49.4	192	74	38.4
4/0	1/2	272	71	69.7	228	74	49.0	201	75	37.9
4/0	Full	293	70	67.4	247	73	48.0	217	74	37.3

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					75°C - Aluminum Conductor - Concentric Strand					
4	1/2	118	61	86.7	102	64	64.6	91	66	51.9
4	Full	125	59	82.0	109	63	62.1	98	65	50.2
3	1/2	134	61	86.1	115	65	64.2	103	67	51.1
3	Full	143	59	81.6	124	63	61.5	111	66	49.5
2	1/2	152	62	85.5	131	65	63.3	117	67	50.4
2	Full	162	60	81.1	141	64	60.9	126	66	48.8
1	1/2	174	63	84.4	149	66	62.2	133	68	49.5
1	Full	185	61	80.5	160	64	60.2	143	67	48.0
1/0	1/2	198	63	83.2	169	66	61.1	151	68	48.5
1/0	Full	211	62	79.6	182	65	59.2	163	67	47.3
2/0	1/2	225	64	81.8	192	67	60.0	171	69	47.5
2/0	Full	241	62	78.4	207	66	58.2	185	67	46.1
3/0	1/2	256	64	80.4	219	67	58.5	194	69	46.2
3/0	Full	275	63	77.2	236	66	56.8	210	68	45.1
4/0	1/2	292	65	78.7	249	68	57.1	221	69	45.1
4/0	Full	313	63	75.8	268	67	55.6	238	68	44.1

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Aluminum Conductor - Concentric Strand										
4	1/2	107	63	72.0	91	66	52.2	81	68	40.9
4	Full	115	61	68.7	98	65	50.5	87	67	40.0
3	1/2	122	64	71.4	103	67	51.6	91	69	40.4
3	Full	130	62	68.2	111	66	50.0	99	68	39.3
2	1/2	138	64	70.5	117	67	50.6	103	69	39.5
2	Full	148	63	67.7	126	66	49.1	112	68	38.7
1	1/2	157	65	69.3	133	68	49.5	117	69	38.6
1	Full	169	63	66.6	143	67	48.3	127	68	37.6
1/0	1/2	179	65	68.0	151	68	48.5	133	70	37.5
1/0	Full	192	64	65.6	163	67	47.3	144	69	36.8
2/0	1/2	203	66	66.6	171	69	47.3	150	70	36.6
2/0	Full	218	65	64.3	184	67	46.1	163	69	35.9
3/0	1/2	230	66	65.1	194	69	46.0	170	70	35.6
3/0	Full	248	65	62.9	209	68	44.9	184	70	34.9
4/0	1/2	262	67	63.3	220	69	44.5	193	71	34.4
4/0	Full	282	66	61.4	237	68	43.7	209	70	33.8

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
65°C - Aluminum Conductor - Concentric Strand										
4	1/2	107	54	69.3	92	56	51.6	83	58	41.4
4	Full	114	52	65.4	99	55	49.7	89	57	40.0
3	1/2	122	54	68.7	105	57	51.3	94	59	40.9
3	Full	130	53	65.3	112	56	49.2	101	57	39.6
2	1/2	138	55	68.2	119	57	50.6	106	59	40.3
2	Full	148	53	65.1	128	56	48.8	114	58	39.3
1	1/2	158	55	67.4	136	58	49.8	121	59	39.6
1	Full	168	54	64.4	146	57	48.0	130	58	38.4
1/0	1/2	180	56	66.5	154	58	48.9	137	60	38.7
1/0	Full	192	54	63.7	165	57	47.3	148	59	37.8
2/0	1/2	205	56	65.5	175	58	48.0	156	60	38.0
2/0	Full	219	55	62.7	188	57	46.4	168	59	37.0
3/0	1/2	233	57	64.4	199	59	46.8	177	60	37.1
3/0	Full	250	55	61.8	214	58	45.5	191	59	36.2
4/0	1/2	266	57	63.1	226	59	45.7	201	60	36.1
4/0	Full	285	56	60.6	244	58	44.5	217	60	35.2

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					65°C - Aluminum Conductor - Concentric Strand					
4	1/2	98	55	57.7	83	58	41.7	73	60	32.8
4	Full	104	54	55.2	89	57	40.3	79	59	32.0
3	1/2	111	56	57.0	94	58	41.2	83	60	32.4
3	Full	118	55	54.6	101	57	39.8	90	59	31.6
2	1/2	126	56	56.3	107	59	40.5	94	60	31.5
2	Full	135	55	54.0	115	58	39.3	102	59	31.0
1	1/2	143	57	55.5	121	59	39.6	107	61	31.0
1	Full	153	56	53.2	130	58	38.6	115	60	30.2
1/0	1/2	162	57	54.4	137	60	38.7	121	61	30.2
1/0	Full	174	56	52.5	148	59	37.8	130	60	29.5
2/0	1/2	184	58	53.2	155	60	37.7	137	61	29.3
2/0	Full	198	57	51.4	168	59	36.8	148	60	28.9
3/0	1/2	210	58	52.0	176	60	36.9	155	61	28.4
3/0	Full	225	57	50.3	190	59	36.0	168	61	28.0
4/0	1/2	238	59	50.7	200	60	35.6	175	62	27.6
4/0	Full	256	58	49.0	216	60	34.8	190	61	27.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
50°C - Aluminum Conductor - Concentric Strand										
4	1/2	87	43	43.3	75	45	32.3	67	46	25.9
4	Full	92	42	40.9	80	44	30.9	72	45	25.1
3	1/2	99	43	43.1	85	45	32.1	76	46	25.7
3	Full	105	42	40.9	91	44	30.8	82	45	24.9
2	1/2	112	43	42.6	97	45	31.5	86	46	25.1
2	Full	120	43	40.5	104	44	30.5	93	46	24.5
1	1/2	128	44	42.1	110	45	31.2	98	46	24.8
1	Full	137	43	40.1	118	45	30.0	105	46	24.0
1/0	1/2	146	44	41.6	125	46	30.7	111	47	24.2
1/0	Full	156	43	39.7	134	45	29.5	120	46	23.5
2/0	1/2	166	44	40.9	142	46	30.0	126	47	23.6
2/0	Full	178	44	39.3	152	45	29.1	136	46	23.2
3/0	1/2	189	45	40.1	161	46	29.3	143	47	23.2
3/0	Full	202	44	38.6	173	46	28.4	154	46	22.6
4/0	1/2	215	45	39.4	183	46	28.6	162	47	22.5
4/0	Full	231	44	37.9	197	46	27.8	175	47	22.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Direct Buried - Three Single Phase Cables in Contact

25°C Earth Ambient

Condr Size	Neut. 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						
50°C - Aluminum Conductor - Concentric Strand										
4	1/2	79	44	36.2	67	46	26.2	60	47	20.4
4	Full	85	43	34.5	72	45	25.4	64	46	19.9
3	1/2	90	44	35.6	76	46	25.7	67	47	20.1
3	Full	96	44	34.2	82	45	24.9	73	46	19.8
2	1/2	102	45	35.1	86	46	25.3	76	47	19.9
2	Full	109	44	33.8	93	46	24.5	82	47	19.4
1	1/2	116	45	34.7	98	46	24.8	86	47	19.3
1	Full	124	44	33.4	106	46	24.0	93	47	18.8
1/0	1/2	132	45	34.0	111	47	24.2	98	47	18.8
1/0	Full	141	44	32.8	120	46	23.5	106	47	18.5
2/0	1/2	150	45	33.2	126	47	23.6	111	48	18.4
2/0	Full	161	45	32.0	136	46	23.0	120	47	18.0
3/0	1/2	170	46	32.5	143	47	23.0	125	48	17.8
3/0	Full	183	45	31.4	154	47	22.6	136	47	17.6
4/0	1/2	193	46	31.7	162	47	22.3	142	48	17.3
4/0	Full	208	45	30.7	175	47	21.8	154	47	16.9

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Aluminum Conductor - Concentric Strand										
4	1/2	110	34	15.3	106	38	14.5	103	41	13.7
4	Full	117	34	14.6	114	37	13.8	111	40	13.2
3	1/2	125	35	15.8	121	38	14.8	118	41	14.0
3	Full	134	34	15.1	130	38	14.3	126	41	13.5
2	1/2	142	35	16.2	138	39	15.3	134	42	14.5
2	Full	153	35	15.6	148	38	14.8	144	41	14.0
1	1/2	163	35	16.9	158	39	15.8	153	42	15.0
1	Full	175	35	16.2	169	39	15.3	164	42	14.5
1/0	1/2	186	36	17.5	180	40	16.4	174	43	15.3
1/0	Full	200	35	16.9	193	39	15.8	188	42	14.8
2/0	1/2	213	36	18.2	205	40	16.9	199	44	15.8
2/0	Full	229	36	17.5	221	40	16.4	214	43	15.4
3/0	1/2	243	37	18.8	235	41	17.5	227	44	16.4
3/0	Full	262	36	18.2	252	40	16.9	244	44	15.9
4/0	1/2	279	37	19.6	268	41	18.2	259	45	16.9
4/0	Full	300	37	19.0	289	41	17.5	279	44	16.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Aluminum Conductor - Concentric Strand										
4	1/2	107	37	14.6	103	41	13.5	99	45	12.5
4	Full	115	36	14.2	111	41	13.0	107	45	12.2
3	1/2	122	37	15.1	117	42	14.0	113	46	12.9
3	Full	131	37	14.5	126	41	13.3	121	45	12.5
2	1/2	139	38	15.6	133	42	14.3	128	46	13.2
2	Full	150	37	15.0	143	42	13.8	138	46	12.9
1	1/2	159	38	16.1	152	43	14.8	146	47	13.7
1	Full	171	38	15.6	164	42	14.3	157	46	13.2
1/0	1/2	182	39	16.7	174	43	15.3	166	48	14.0
1/0	Full	195	38	16.1	187	43	14.8	179	47	13.5
2/0	1/2	207	39	17.2	198	44	15.8	189	48	14.3
2/0	Full	223	39	16.7	213	43	15.3	204	48	14.0
3/0	1/2	237	39	17.9	226	45	16.2	216	49	14.8
3/0	Full	255	39	17.4	243	44	15.8	233	48	14.5
4/0	1/2	271	40	18.5	258	45	16.7	246	50	15.3
4/0	Full	292	40	18.0	278	45	16.2	266	49	15.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
					80°C - Aluminum Conductor - Concentric Strand					
4	1/2	102	33	12.7	99	36	12.1	96	38	11.4
4	Full	109	33	12.2	106	35	11.6	103	38	10.9
3	1/2	116	33	13.2	112	36	12.4	109	39	11.7
3	Full	124	33	12.7	121	36	11.9	117	38	11.3
2	1/2	132	33	13.5	128	36	12.7	124	39	12.1
2	Full	142	33	13.0	137	36	12.2	134	39	11.6
1	1/2	151	34	14.0	146	37	13.2	142	40	12.4
1	Full	162	33	13.5	157	36	12.7	153	39	12.1
1/0	1/2	172	34	14.5	167	37	13.7	162	40	12.7
1/0	Full	185	34	14.0	179	37	13.2	174	40	12.4
2/0	1/2	197	34	15.1	190	38	14.0	184	41	13.2
2/0	Full	212	34	14.6	205	37	13.7	199	40	12.9
3/0	1/2	225	35	15.6	217	38	14.5	210	41	13.7
3/0	Full	242	34	15.1	234	38	14.2	227	41	13.2
4/0	1/2	258	35	16.2	248	39	15.1	240	42	14.2
4/0	Full	277	35	15.8	268	38	14.6	259	41	13.7

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
80°C - Aluminum Conductor - Concentric Strand										
4	1/2	100	35	12.2	96	39	11.3	92	42	10.5
4	Full	107	35	11.7	103	38	10.9	99	41	10.1
3	1/2	113	35	12.5	109	39	11.6	105	42	10.8
3	Full	122	35	12.1	117	39	11.3	113	42	10.5
2	1/2	129	36	13.0	124	39	11.9	119	43	10.9
2	Full	139	35	12.5	133	39	11.6	128	42	10.6
1	1/2	147	36	13.3	141	40	12.2	136	43	11.3
1	Full	158	36	13.0	152	40	11.9	146	43	10.9
1/0	1/2	168	36	13.8	161	40	12.7	154	44	11.6
1/0	Full	181	36	13.3	173	40	12.2	166	43	11.3
2/0	1/2	192	37	14.3	184	41	13.0	176	44	12.1
2/0	Full	207	36	13.8	198	40	12.7	190	44	11.7
3/0	1/2	220	37	14.8	209	41	13.5	200	45	12.4
3/0	Full	236	37	14.5	226	41	13.2	216	44	12.1
4/0	1/2	251	38	15.4	239	42	14.0	228	46	12.7
4/0	Full	270	37	15.0	258	42	13.5	246	45	12.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Aluminum Conductor - Concentric Strand										
4	1/2	97	32	11.6	94	35	10.8	92	37	10.3
4	Full	104	32	11.1	101	34	10.5	99	37	10.0
3	1/2	111	32	11.9	108	35	11.1	105	37	10.6
3	Full	119	32	11.4	115	35	10.8	112	37	10.1
2	1/2	126	33	12.2	123	35	11.4	119	38	10.8
2	Full	136	32	11.7	132	35	11.1	128	37	10.5
1	1/2	144	33	12.7	140	36	11.9	136	38	11.3
1	Full	155	33	12.2	150	35	11.4	146	38	10.8
1/0	1/2	165	33	13.0	160	36	12.2	155	39	11.6
1/0	Full	177	33	12.7	172	36	11.9	167	38	11.3
2/0	1/2	189	33	13.5	182	36	12.7	176	39	11.9
2/0	Full	203	33	13.2	196	36	12.2	190	39	11.6
3/0	1/2	216	34	14.0	208	37	13.0	201	39	12.2
3/0	Full	232	33	13.7	224	36	12.7	217	39	11.9
4/0	1/2	247	34	14.6	238	37	13.5	230	40	12.7
4/0	Full	266	34	14.2	256	37	13.2	248	40	12.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Aluminum Conductor - Concentric Strand										
4	1/2	95	34	11.1	92	37	10.1	88	40	9.5
4	Full	102	34	10.6	98	37	9.8	95	40	9.2
3	1/2	108	34	11.4	104	38	10.5	100	41	9.6
3	Full	116	34	10.9	112	37	10.1	108	40	9.3
2	1/2	124	35	11.7	119	38	10.8	114	41	10.0
2	Full	133	34	11.3	127	38	10.5	123	41	9.6
1	1/2	141	35	12.1	135	39	11.1	130	42	10.3
1	Full	152	35	11.7	146	38	10.8	140	41	10.0
1/0	1/2	161	35	12.5	154	39	11.4	148	42	10.5
1/0	Full	173	35	12.1	166	39	11.1	159	42	10.3
2/0	1/2	184	36	12.9	176	39	11.7	168	43	10.8
2/0	Full	198	35	12.5	189	39	11.4	181	42	10.5
3/0	1/2	210	36	13.3	200	40	12.2	192	43	11.1
3/0	Full	226	36	13.0	216	39	11.9	207	43	10.8
4/0	1/2	240	36	13.8	229	40	12.5	218	44	11.4
4/0	Full	259	36	13.5	247	40	12.2	236	43	11.3

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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						
65°C - Aluminum Conductor - Concentric Strand										
4	1/2	88	31	9.0	85	33	8.5	83	35	8.0
4	Full	94	30	8.7	91	32	8.2	89	34	7.9
3	1/2	100	31	9.3	97	33	8.8	94	35	8.4
3	Full	107	31	9.0	104	33	8.5	101	35	8.0
2	1/2	114	31	9.6	111	33	9.0	107	35	8.5
2	Full	122	31	9.3	119	33	8.7	115	35	8.2
1	1/2	130	31	10.0	126	33	9.3	122	35	8.8
1	Full	140	31	9.6	136	33	9.0	132	35	8.5
1/0	1/2	149	31	10.3	144	34	9.6	139	36	9.0
1/0	Full	160	31	10.0	155	33	9.3	150	35	8.8
2/0	1/2	170	32	10.6	164	34	10.0	159	36	9.3
2/0	Full	183	31	10.3	177	34	9.6	171	36	9.0
3/0	1/2	194	32	11.1	187	34	10.3	181	36	9.6
3/0	Full	209	32	10.8	202	34	10.0	195	36	9.3
4/0	1/2	222	32	11.4	214	35	10.6	207	37	10.0
4/0	Full	239	32	11.1	231	34	10.5	223	37	9.6

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
65°C - Aluminum Conductor - Concentric Strand										
4	1/2	86	32	8.7	83	35	8.0	80	37	7.4
4	Full	92	32	8.4	89	34	7.7	86	37	7.2
3	1/2	98	32	9.0	94	35	8.2	90	37	7.6
3	Full	105	32	8.7	101	35	8.0	97	37	7.4
2	1/2	111	33	9.2	107	35	8.5	103	38	7.9
2	Full	120	32	8.8	115	35	8.2	111	37	7.6
1	1/2	127	33	9.5	122	36	8.7	117	38	8.0
1	Full	137	33	9.2	131	35	8.5	126	38	7.9
1/0	1/2	145	33	9.8	139	36	9.0	133	38	8.2
1/0	Full	156	33	9.5	150	36	8.7	144	38	8.0
2/0	1/2	166	33	10.1	158	36	9.3	152	39	8.5
2/0	Full	179	33	9.8	171	36	9.0	164	39	8.4
3/0	1/2	189	34	10.5	180	37	9.5	173	39	8.7
3/0	Full	204	33	10.3	195	36	9.3	187	39	8.5
4/0	1/2	217	34	10.9	206	37	9.8	197	40	9.0
4/0	Full	233	34	10.6	222	37	9.6	213	39	8.8

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
50°C - Aluminum Conductor - Concentric Strand										
4	1/2	70	29	5.5	68	30	5.1	66	31	5.0
4	Full	75	28	5.3	73	30	5.0	71	31	4.8
3	1/2	80	29	5.6	78	30	5.3	76	31	5.0
3	Full	86	29	5.5	83	30	5.1	81	31	4.8
2	1/2	91	29	5.8	88	30	5.5	86	31	5.1
2	Full	98	29	5.6	95	30	5.3	92	31	5.0
1	1/2	104	29	6.1	101	30	5.6	98	31	5.3
1	Full	112	29	5.8	108	30	5.5	105	31	5.1
1/0	1/2	119	29	6.3	115	30	5.8	111	32	5.5
1/0	Full	128	29	6.1	124	30	5.6	120	31	5.3
2/0	1/2	136	29	6.4	131	31	6.1	127	32	5.6
2/0	Full	146	29	6.3	141	30	6.0	137	32	5.5
3/0	1/2	155	29	6.8	150	31	6.3	145	32	5.8
3/0	Full	167	29	6.6	161	31	6.1	156	32	5.8
4/0	1/2	177	29	6.9	171	31	6.4	165	32	6.1
4/0	Full	191	29	6.8	184	31	6.3	178	32	6.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable

25°C Earth Ambient

Condr Size	Neut. 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					
50°C - Aluminum Conductor - Concentric Strand										
4	1/2	69	29	5.3	66	31	4.8	64	32	4.5
4	Full	74	29	5.1	71	31	4.7	69	32	4.3
3	1/2	78	30	5.5	75	31	5.0	72	33	4.7
3	Full	84	29	5.3	81	31	4.8	78	32	4.5
2	1/2	89	30	5.6	86	31	5.1	82	33	4.8
2	Full	96	30	5.5	92	31	5.0	89	33	4.7
1	1/2	102	30	5.8	97	32	5.3	94	33	5.0
1	Full	109	30	5.6	105	31	5.1	101	33	4.8
1/0	1/2	116	30	6.0	111	32	5.5	107	33	5.0
1/0	Full	125	30	5.8	120	32	5.3	115	33	5.0
2/0	1/2	132	30	6.1	126	32	5.6	121	34	5.1
2/0	Full	143	30	6.0	136	32	5.5	131	33	5.0
3/0	1/2	151	30	6.4	144	32	5.8	138	34	5.3
3/0	Full	163	30	6.3	156	32	5.6	149	34	5.1
4/0	1/2	173	31	6.6	164	32	6.0	157	34	5.5
4/0	Full	186	30	6.4	178	32	5.8	170	34	5.3

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					90°C - Aluminum Conductor - Concentric Strand					
4	1/2	104	40	19.7	100	45	18.0	95	49	16.4
4	Full	112	39	19.0	107	44	17.3	103	48	15.9
3	1/2	119	40	20.2	113	45	18.3	108	50	16.8
3	Full	128	40	19.4	122	45	17.7	117	49	16.3
2	1/2	135	41	20.8	129	46	18.9	123	50	17.2
2	Full	145	40	20.0	139	45	18.2	133	49	16.7
1	1/2	154	41	21.5	147	47	19.3	140	51	17.6
1	Full	166	41	20.8	158	46	18.8	151	50	17.2
1/0	1/2	176	42	22.2	167	47	19.9	159	51	18.1
1/0	Full	189	41	21.5	180	47	19.3	172	51	17.6
2/0	1/2	201	42	22.9	190	48	20.5	181	52	18.5
2/0	Full	216	42	22.2	205	47	19.9	195	52	18.1
3/0	1/2	229	43	23.7	217	49	21.0	206	53	19.1
3/0	Full	247	43	23.0	234	48	20.6	222	52	18.7
4/0	1/2	262	44	24.5	247	49	21.7	234	54	19.6
4/0	Full	282	43	23.8	267	49	21.3	253	53	19.2

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. Size	60 Rho Interface Temp °C	60 Rho Flux w/ft²	60 Rho Amps	90 Rho Interface Temp °C	90 Rho Flux w/ft²	90 Rho Amps	120 Rho Interface Temp °C	120 Rho Flux w/ft²	120 Rho Amps
					100% LF					
90°C - Aluminum Conductor - Concentric Strand										
4	1/2	101	44	18.2	94	50	16.0	89	55	14.3
4	Full	108	43	17.6	101	49	15.6	96	54	13.9
3	1/2	114	45	18.7	107	51	16.4	101	55	14.6
3	Full	123	44	18.1	115	50	15.9	109	55	14.2
2	1/2	130	45	19.2	121	51	16.7	114	56	14.9
2	Full	140	44	18.5	131	50	16.3	123	55	14.4
1	1/2	148	46	19.8	138	52	17.2	130	57	15.2
1	Full	160	45	19.2	149	51	16.7	140	56	14.9
1/0	1/2	169	46	20.4	157	53	17.6	147	57	15.5
1/0	Full	182	46	19.8	169	52	17.2	159	57	15.1
2/0	1/2	192	47	20.9	179	53	18.1	167	58	15.9
2/0	Full	207	46	20.4	193	53	17.6	181	57	15.6
3/0	1/2	219	48	21.6	203	54	18.5	190	59	16.3
3/0	Full	236	47	21.0	219	53	18.1	205	58	15.9
4/0	1/2	250	48	22.3	231	55	19.0	216	60	16.6
4/0	Full	270	48	21.7	250	54	18.7	233	59	16.3

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
80°C - Aluminum Conductor - Concentric Strand										
4	1/2	97	38	16.4	92	42	14.9	89	45	13.8
4	Full	104	37	15.8	99	41	14.4	95	44	13.3
3	1/2	110	38	16.8	105	42	15.2	101	46	14.0
3	Full	118	37	16.3	113	42	14.8	108	45	13.6
2	1/2	126	38	17.3	119	43	15.7	114	46	14.3
2	Full	135	38	16.7	128	42	15.2	123	45	14.0
1	1/2	143	39	17.9	136	43	16.2	130	47	14.8
1	Full	154	38	17.3	146	43	15.7	140	46	14.3
1/0	1/2	163	39	18.4	155	44	16.6	148	47	15.1
1/0	Full	176	39	17.9	167	43	16.2	159	47	14.7
2/0	1/2	186	40	19.0	176	44	17.1	168	48	15.5
2/0	Full	201	39	18.5	190	44	16.6	181	47	15.1
3/0	1/2	213	40	19.7	201	45	17.6	191	48	15.9
3/0	Full	229	40	19.1	217	44	17.2	206	48	15.6
4/0	1/2	243	41	20.4	229	45	18.1	217	49	16.4
4/0	Full	262	40	19.8	247	45	17.7	235	48	16.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
80°C - Aluminum Conductor - Concentric Strand										
4	1/2	93	41	15.2	87	46	13.4	83	50	11.9
4	Full	100	40	14.7	94	45	13.0	89	49	11.6
3	1/2	106	41	15.6	99	46	13.6	94	50	12.2
3	Full	114	41	15.1	107	46	13.3	101	50	11.8
2	1/2	121	42	16.0	113	47	14.0	106	51	12.4
2	Full	130	41	15.5	122	46	13.6	115	50	12.1
1	1/2	137	42	16.5	128	48	14.3	121	51	12.7
1	Full	148	42	16.0	138	47	14.0	130	51	12.4
1/0	1/2	156	43	16.9	146	48	14.7	137	52	13.0
1/0	Full	169	42	16.5	157	47	14.3	148	51	12.7
2/0	1/2	178	43	17.4	166	49	15.1	155	53	13.3
2/0	Full	192	43	16.9	179	48	14.8	168	52	13.0
3/0	1/2	203	44	18.0	188	49	15.5	176	53	13.5
3/0	Full	219	43	17.5	204	49	15.1	191	53	13.3
4/0	1/2	232	44	18.5	214	50	15.9	200	54	13.9
4/0	Full	250	44	18.1	232	49	15.6	217	53	13.6

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Aluminum Conductor - Concentric Strand										
4	1/2	93	36	14.8	88	40	13.4	85	43	12.4
4	Full	100	36	14.2	95	40	13.1	91	43	12.1
3	1/2	106	37	15.2	101	40	13.8	96	44	12.6
3	Full	113	36	14.7	108	40	13.3	104	43	12.3
2	1/2	120	37	15.6	114	41	14.1	109	44	13.0
2	Full	129	37	15.1	123	40	13.8	118	43	12.6
1	1/2	137	37	16.2	130	41	14.6	124	45	13.3
1	Full	148	37	15.6	140	41	14.1	134	44	13.0
1/0	1/2	156	38	16.6	148	42	15.0	141	45	13.6
1/0	Full	168	37	16.2	160	41	14.6	153	45	13.3
2/0	1/2	178	38	17.2	169	42	15.4	161	46	14.0
2/0	Full	192	38	16.7	182	42	15.0	174	45	13.6
3/0	1/2	203	39	17.7	192	43	15.8	183	46	14.3
3/0	Full	219	38	17.3	208	42	15.5	198	46	14.0
4/0	1/2	232	39	18.3	219	43	16.4	208	47	14.8
4/0	Full	251	39	17.9	237	43	15.9	225	46	14.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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						
75°C - Aluminum Conductor - Concentric Strand										
4	1/2	89	39	13.8	84	44	12.1	79	48	10.8
4	Full	96	39	13.3	90	43	11.7	85	47	10.5
3	1/2	101	40	14.1	95	44	12.4	90	48	11.0
3	Full	109	39	13.6	102	44	12.1	97	47	10.7
2	1/2	115	40	14.4	108	45	12.6	102	48	11.3
2	Full	124	40	14.0	116	44	12.3	110	48	10.9
1	1/2	132	41	14.9	123	45	13.0	115	49	11.5
1	Full	142	40	14.4	133	45	12.6	125	48	11.3
1/0	1/2	150	41	15.2	139	46	13.3	131	49	11.7
1/0	Full	161	41	14.9	151	45	13.0	142	49	11.5
2/0	1/2	171	41	15.7	159	46	13.6	149	50	11.9
2/0	Full	184	41	15.4	171	46	13.3	161	50	11.7
3/0	1/2	194	42	16.2	180	47	14.0	169	51	12.3
3/0	Full	210	42	15.8	195	46	13.6	183	50	12.1
4/0	1/2	222	43	16.7	205	47	14.3	192	51	12.5
4/0	Full	239	42	16.3	222	47	14.0	208	51	12.3

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					65°C - Aluminum Conductor - Concentric Strand					
4	1/2	84	34	11.7	80	37	10.6	77	39	9.8
4	Full	90	34	11.3	86	37	10.2	82	39	9.4
3	1/2	95	34	11.9	91	37	10.9	87	40	10.0
3	Full	102	34	11.6	98	37	10.6	94	39	9.7
2	1/2	108	34	12.3	103	38	11.1	99	40	10.2
2	Full	116	34	11.9	111	37	10.8	106	40	9.9
1	1/2	124	35	12.7	117	38	11.5	112	40	10.5
1	Full	133	34	12.3	127	38	11.1	121	40	10.2
1/0	1/2	141	35	13.1	134	38	11.8	127	41	10.7
1/0	Full	152	35	12.7	144	38	11.5	138	40	10.5
2/0	1/2	161	35	13.5	152	39	12.2	145	41	11.0
2/0	Full	173	35	13.1	164	38	11.8	157	41	10.8
3/0	1/2	183	36	13.9	173	39	12.5	165	42	11.3
3/0	Full	198	35	13.5	187	39	12.2	178	41	11.0
4/0	1/2	209	36	14.4	198	39	12.9	188	42	11.6
4/0	Full	226	36	14.0	213	39	12.6	203	42	11.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
65°C - Aluminum Conductor - Concentric Strand										
4	1/2	81	36	10.8	76	40	9.6	71	43	8.5
4	Full	87	36	10.5	81	40	9.2	77	42	8.3
3	1/2	92	37	11.0	86	40	9.8	81	43	8.6
3	Full	99	36	10.7	92	40	9.4	87	43	8.4
2	1/2	104	37	11.4	97	41	9.9	92	44	8.9
2	Full	112	37	11.0	105	40	9.7	99	43	8.6
1	1/2	119	37	11.7	111	41	10.2	104	44	9.1
1	Full	128	37	11.4	120	41	10.0	113	44	8.9
1/0	1/2	135	38	12.1	126	41	10.5	118	44	9.2
1/0	Full	146	37	11.7	136	41	10.2	128	44	9.1
2/0	1/2	154	38	12.4	143	42	10.7	134	45	9.4
2/0	Full	166	38	12.1	155	41	10.5	145	44	9.2
3/0	1/2	175	38	12.7	163	42	11.0	152	45	9.7
3/0	Full	189	38	12.4	176	42	10.8	165	45	9.4
4/0	1/2	200	39	13.2	185	43	11.3	173	46	9.9
4/0	Full	216	39	12.9	200	42	11.0	187	45	9.7

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					50°C - Aluminum Conductor - Concentric Strand					
4	1/2	67	31	7.1	64	32	6.5	61	34	5.9
4	Full	72	30	6.8	69	32	6.3	66	34	5.8
3	1/2	76	31	7.3	73	33	6.6	70	34	6.1
3	Full	82	31	7.1	78	32	6.5	75	34	5.9
2	1/2	87	31	7.5	83	33	6.8	79	34	6.3
2	Full	93	31	7.3	89	33	6.6	85	34	6.0
1	1/2	99	31	7.7	94	33	6.9	90	34	6.4
1	Full	106	31	7.5	101	33	6.8	97	34	6.3
1/0	1/2	113	31	8.0	107	33	7.2	102	35	6.5
1/0	Full	121	31	7.7	115	33	6.9	110	35	6.4
2/0	1/2	128	31	8.2	122	33	7.4	116	35	6.7
2/0	Full	138	31	8.0	131	33	7.2	125	35	6.6
3/0	1/2	146	32	8.4	138	34	7.6	132	35	6.8
3/0	Full	158	31	8.3	150	33	7.4	142	35	6.7
4/0	1/2	167	32	8.8	158	34	7.8	150	36	7.1
4/0	Full	180	32	8.5	170	34	7.6	162	35	6.9

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Two Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
50°C - Aluminum Conductor - Concentric Strand										
4	1/2	65	32	6.6	61	34	5.8	57	36	5.2
4	Full	69	32	6.4	65	34	5.7	62	36	5.1
3	1/2	73	32	6.7	69	34	5.9	65	36	5.3
3	Full	79	32	6.6	74	34	5.8	70	36	5.2
2	1/2	83	32	6.9	78	35	6.0	74	36	5.5
2	Full	90	32	6.7	84	34	5.9	80	36	5.3
1	1/2	95	33	7.2	89	35	6.3	83	37	5.6
1	Full	102	32	6.9	96	35	6.0	90	36	5.5
1/0	1/2	108	33	7.3	101	35	6.4	95	37	5.7
1/0	Full	116	33	7.2	109	35	6.3	102	37	5.6
2/0	1/2	123	33	7.5	114	35	6.5	107	37	5.8
2/0	Full	133	33	7.4	124	35	6.4	116	37	5.7
3/0	1/2	140	33	7.7	130	36	6.7	122	37	5.9
3/0	Full	151	33	7.6	141	35	6.6	132	37	5.8
4/0	1/2	160	34	8.0	148	36	6.9	138	38	6.0
4/0	Full	172	33	7.8	160	36	6.7	150	38	5.9

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					90°C - Aluminum Conductor - Concentric Strand					
4	1/2	100	45	24.1	94	50	21.3	89	55	19.1
4	Full	107	44	23.3	101	50	20.6	96	54	18.5
3	1/2	114	45	24.7	107	51	21.7	101	55	19.5
3	Full	122	45	23.8	115	50	21.1	109	55	19.0
2	1/2	129	46	25.3	121	52	22.2	114	56	19.8
2	Full	139	45	24.5	130	51	21.6	123	55	19.4
1	1/2	147	46	26.0	138	52	22.8	130	57	20.3
1	Full	158	46	25.3	148	52	22.2	140	56	19.8
1/0	1/2	168	47	26.9	156	53	23.3	147	57	20.7
1/0	Full	181	46	26.0	169	52	22.8	159	57	20.3
2/0	1/2	191	48	27.6	178	54	23.9	167	58	21.2
2/0	Full	206	47	26.9	192	53	23.4	181	57	20.7
3/0	1/2	217	48	28.4	202	54	24.5	190	59	21.6
3/0	Full	234	48	27.7	218	54	24.0	205	58	21.2
4/0	1/2	248	49	29.3	230	55	25.2	215	60	22.1
4/0	Full	267	48	28.6	249	55	24.6	233	59	21.7

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
90°C - Aluminum Conductor - Concentric Strand										
4	1/2	95	50	21.7	87	56	18.3	81	61	15.9
4	Full	102	49	21.0	94	55	17.8	88	60	15.6
3	1/2	108	50	22.2	99	57	18.7	92	62	16.2
3	Full	116	49	21.5	107	56	18.2	99	61	15.8
2	1/2	122	51	22.7	112	57	19.1	104	62	16.4
2	Full	132	50	22.0	121	57	18.6	112	61	16.1
1	1/2	139	51	23.3	127	58	19.5	118	63	16.7
1	Full	150	51	22.6	137	57	19.1	128	62	16.4
1/0	1/2	158	52	23.8	144	59	19.9	133	64	17.0
1/0	Full	170	51	23.2	156	58	19.5	145	63	16.7
2/0	1/2	180	53	24.4	164	60	20.3	151	64	17.3
2/0	Full	194	52	23.9	177	59	19.9	164	64	17.0
3/0	1/2	204	53	25.1	186	60	20.8	171	65	17.6
3/0	Full	221	53	24.5	201	60	20.4	186	64	17.3
4/0	1/2	233	54	25.8	211	61	21.2	194	66	17.9
4/0	Full	251	54	25.2	228	60	20.9	210	65	17.7

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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						
				80°C - Aluminum Conductor - Concentric Strand						
4	1/2	93	41	20.1	87	46	17.7	82	50	15.9
4	Full	100	41	19.5	94	46	17.2	89	49	15.5
3	1/2	105	42	20.6	99	47	18.1	94	50	16.2
3	Full	113	41	19.9	107	46	17.6	101	50	15.8
2	1/2	120	42	21.1	112	47	18.5	106	51	16.5
2	Full	129	42	20.5	121	47	18.0	114	50	16.1
1	1/2	136	43	21.7	128	48	19.1	120	52	16.9
1	Full	147	42	21.1	138	47	18.5	130	51	16.5
1/0	1/2	155	43	22.3	145	48	19.5	137	52	17.3
1/0	Full	167	43	21.7	157	48	19.1	148	52	16.9
2/0	1/2	177	44	23.0	165	49	20.0	155	53	17.6
2/0	Full	191	43	22.4	178	48	19.5	168	52	17.3
3/0	1/2	202	44	23.6	187	50	20.5	176	53	18.0
3/0	Full	217	44	23.1	203	49	20.1	190	53	17.7
4/0	1/2	230	45	24.4	213	50	21.0	200	54	18.4
4/0	Full	248	45	23.8	231	50	20.6	216	54	18.1

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
80°C - Aluminum Conductor - Concentric Strand										
4	1/2	88	46	18.1	81	51	15.4	75	55	13.3
4	Full	95	45	17.5	87	50	15.0	82	55	13.0
3	1/2	100	46	18.4	92	52	15.6	85	56	13.6
3	Full	108	45	17.9	99	51	15.3	92	55	13.3
2	1/2	113	46	19.0	104	52	15.9	97	56	13.8
2	Full	122	46	18.4	112	51	15.6	105	56	13.5
1	1/2	129	47	19.5	118	53	16.3	109	57	14.0
1	Full	139	47	19.0	128	52	15.9	119	56	13.8
1/0	1/2	147	48	19.9	134	53	16.6	124	57	14.3
1/0	Full	158	47	19.5	145	53	16.3	134	57	14.0
2/0	1/2	167	48	20.4	152	54	17.0	140	58	14.5
2/0	Full	180	48	20.0	164	53	16.6	152	57	14.3
3/0	1/2	190	49	21.0	172	55	17.3	159	58	14.8
3/0	Full	205	48	20.5	187	54	17.0	172	58	14.5
4/0	1/2	216	49	21.5	196	55	17.7	180	59	15.0
4/0	Full	233	49	21.1	212	55	17.4	195	59	14.8

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
75°C - Aluminum Conductor - Concentric Strand										
4	1/2	89	40	18.1	83	44	16.0	79	48	14.4
4	Full	95	39	17.5	90	44	15.6	85	47	14.0
3	1/2	101	40	18.5	95	45	16.4	90	48	14.7
3	Full	108	40	17.9	102	44	15.9	97	47	14.3
2	1/2	115	41	19.1	108	45	16.7	102	48	14.9
2	Full	123	40	18.4	116	45	16.3	110	48	14.6
1	1/2	131	41	19.6	122	46	17.1	115	49	15.3
1	Full	141	41	19.1	132	45	16.7	125	48	14.9
1/0	1/2	149	42	20.2	139	46	17.5	131	50	15.6
1/0	Full	160	41	19.6	150	46	17.1	141	49	15.3
2/0	1/2	169	42	20.7	158	47	18.0	149	50	15.9
2/0	Full	183	42	20.2	171	46	17.6	161	50	15.6
3/0	1/2	193	43	21.3	179	47	18.4	168	51	16.3
3/0	Full	208	42	20.8	194	47	18.0	182	50	16.0
4/0	1/2	220	43	22.0	204	48	19.0	191	51	16.7
4/0	Full	237	43	21.5	221	47	18.5	207	51	16.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
					75°C - Aluminum Conductor - Concentric Strand					
4	1/2	84	44	16.3	78	49	13.9	72	52	12.1
4	Full	91	43	15.8	84	48	13.5	78	52	11.8
3	1/2	96	44	16.7	88	49	14.1	82	53	12.3
3	Full	103	43	16.2	95	48	13.8	88	52	12.0
2	1/2	109	44	17.1	100	50	14.4	93	53	12.5
2	Full	117	44	16.6	108	49	14.1	100	53	12.2
1	1/2	124	45	17.5	113	50	14.7	105	54	12.7
1	Full	133	44	17.1	122	50	14.4	114	53	12.5
1/0	1/2	140	45	17.9	128	51	15.0	119	54	12.9
1/0	Full	152	45	17.5	139	50	14.7	129	54	12.7
2/0	1/2	160	46	18.4	146	51	15.3	134	55	13.1
2/0	Full	172	45	17.9	158	51	15.0	146	54	12.9
3/0	1/2	181	46	18.8	165	52	15.7	152	55	13.4
3/0	Full	196	46	18.4	179	51	15.4	165	55	13.2
4/0	1/2	206	47	19.4	187	52	16.0	173	56	13.6
4/0	Full	223	47	19.0	203	52	15.7	187	55	13.4

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
65°C - Aluminum Conductor - Concentric Strand										
4	1/2	80	37	14.3	75	40	12.7	71	43	11.4
4	Full	86	36	13.8	81	40	12.3	77	42	11.0
3	1/2	91	37	14.6	85	41	12.9	81	43	11.6
3	Full	98	37	14.2	92	40	12.6	87	43	11.2
2	1/2	103	37	15.0	97	41	13.2	92	44	11.8
2	Full	111	37	14.6	105	40	12.9	99	43	11.6
1	1/2	118	38	15.4	110	41	13.5	104	44	12.1
1	Full	127	37	15.0	119	41	13.2	112	44	11.8
1/0	1/2	134	38	15.8	125	42	13.9	118	44	12.3
1/0	Full	145	38	15.4	135	41	13.5	128	44	12.1
2/0	1/2	153	38	16.3	142	42	14.2	134	45	12.6
2/0	Full	165	38	15.9	154	42	13.9	145	44	12.4
3/0	1/2	174	39	16.8	162	43	14.6	152	45	12.9
3/0	Full	188	39	16.4	175	42	14.3	165	45	12.7
4/0	1/2	198	39	17.3	184	43	14.9	173	46	13.2
4/0	Full	214	39	16.9	199	43	14.6	187	45	13.0

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
65°C - Aluminum Conductor - Concentric Strand										
4	1/2	76	40	12.9	70	44	10.9	65	47	9.5
4	Full	82	39	12.5	76	43	10.6	71	46	9.3
3	1/2	86	40	13.2	79	44	11.1	74	47	9.6
3	Full	93	40	12.8	86	44	10.8	80	47	9.4
2	1/2	98	40	13.5	90	44	11.4	84	47	9.8
2	Full	106	40	13.1	97	44	11.1	90	47	9.6
1	1/2	111	41	13.8	102	45	11.7	95	48	10.0
1	Full	120	40	13.5	110	44	11.4	103	47	9.8
1/0	1/2	127	41	14.2	116	45	11.9	107	48	10.1
1/0	Full	137	41	13.8	125	45	11.7	116	48	10.0
2/0	1/2	144	42	14.5	131	46	12.1	121	49	10.3
2/0	Full	156	41	14.2	142	45	11.9	132	48	10.2
3/0	1/2	164	42	14.9	149	46	12.4	138	49	10.5
3/0	Full	177	42	14.6	162	46	12.2	149	49	10.4
4/0	1/2	186	42	15.3	169	47	12.7	156	49	10.7
4/0	Full	201	42	15.0	183	46	12.5	169	49	10.6

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
50°C - Aluminum Conductor - Concentric Strand										
4	1/2	64	32	8.7	60	34	7.7	57	36	7.0
4	Full	69	32	8.4	65	34	7.5	62	36	6.8
3	1/2	73	32	8.9	68	35	7.9	65	36	7.1
3	Full	78	32	8.6	74	34	7.7	70	36	6.9
2	1/2	83	33	9.1	78	35	8.0	73	36	7.2
2	Full	89	32	8.9	84	35	7.8	79	36	7.1
1	1/2	94	33	9.4	88	35	8.2	83	37	7.4
1	Full	102	33	9.1	95	35	8.0	90	36	7.2
1/0	1/2	107	33	9.6	100	35	8.4	94	37	7.5
1/0	Full	116	33	9.4	108	35	8.2	102	37	7.4
2/0	1/2	122	33	9.9	114	36	8.6	107	37	7.7
2/0	Full	132	33	9.7	123	35	8.5	116	37	7.5
3/0	1/2	139	34	10.2	129	36	8.9	122	38	7.8
3/0	Full	150	33	9.9	140	36	8.7	132	37	7.7
4/0	1/2	158	34	10.5	147	36	9.1	138	38	8.0
4/0	Full	171	34	10.3	159	36	8.9	150	38	7.9

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
in Buried Ducts - One Cable per Duct - Three Ducts in Contact

25°C Earth Ambient

Condr Size	Neut. 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					
50°C - Aluminum Conductor - Concentric Strand										
4	1/2	61	34	7.9	56	37	6.7	52	38	5.9
4	Full	66	34	7.7	61	36	6.6	57	38	5.7
3	1/2	69	34	8.0	64	37	6.8	59	39	5.9
3	Full	75	34	7.8	69	36	6.7	64	38	5.8
2	1/2	78	34	8.2	72	37	7.0	67	39	6.0
2	Full	85	34	8.0	78	37	6.8	73	39	5.9
1	1/2	89	35	8.4	82	37	7.1	76	39	6.2
1	Full	96	34	8.2	88	37	7.0	82	39	6.1
1/0	1/2	101	35	8.6	93	37	7.2	86	39	6.3
1/0	Full	109	35	8.4	100	37	7.1	93	39	6.2
2/0	1/2	115	35	8.8	105	38	7.4	97	40	6.4
2/0	Full	124	35	8.6	114	38	7.3	106	39	6.3
3/0	1/2	131	35	9.1	119	38	7.6	110	40	6.5
3/0	Full	142	35	8.9	129	38	7.4	120	40	6.4
4/0	1/2	149	36	9.3	135	38	7.7	125	40	6.6
4/0	Full	161	36	9.1	147	38	7.6	136	40	6.5

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Isolated Cable in Non-Metallic Conduit in Air

40°C Air Ambient

Condr Size	Neut. 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					
4	1/2	89	93	66	76
4	Full	96	99	71	81
3	1/2	102	105	75	86
3	Full	109	113	81	93
2	1/2	116	120	85	98
2	Full	124	129	92	106
1	1/2	132	137	97	112
1	Full	142	148	105	121
1/0	1/2	150	157	111	128
1/0	Full	162	169	120	138
2/0	1/2	172	179	127	146
2/0	Full	185	193	137	158
3/0	1/2	196	204	145	167
3/0	Full	211	220	156	180
4/0	1/2	224	234	166	191
4/0	Full	242	252	179	206

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Isolated Cable in Non-Metallic Conduit in Air

40°C Air Ambient

Condr Size	Neut. Size	No Sun 0 Ft/s	No Sun 2 Ft/s	Full Sun 0 Ft/s	Full Sun 2 Ft/s
75°C - Aluminum Conductor - Concentric Strand					
4	1/2	75	78	43	56
4	Full	81	84	46	61
3	1/2	86	89	48	64
3	Full	92	96	52	69
2	1/2	98	102	55	73
2	Full	105	109	59	79
1	1/2	111	116	63	83
1	Full	120	125	68	90
1/0	1/2	127	133	72	95
1/0	Full	137	143	77	103
2/0	1/2	145	151	82	109
2/0	Full	156	163	88	117
3/0	1/2	165	173	93	124
3/0	Full	178	187	101	134
4/0	1/2	189	198	107	142
4/0	Full	204	213	115	153

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Isolated Cable in Free Air

40°C Air Ambient

Condr Size	Neut. 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					
4	1/2	118	139	93	121
4	Full	125	146	98	127
3	1/2	136	160	106	138
3	Full	144	168	112	145
2	1/2	156	183	122	158
2	Full	165	193	129	167
1	1/2	180	211	140	182
1	Full	190	222	148	191
1/0	1/2	207	242	161	209
1/0	Full	219	255	171	220
2/0	1/2	238	279	185	239
2/0	Full	253	294	196	253
3/0	1/2	274	321	213	275
3/0	Full	292	339	226	290
4/0	1/2	317	370	245	316
4/0	Full	337	391	261	334

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Isolated Cable in Free Air

40°C Air Ambient

Condr Size	Neut. Size	No Sun 0 Ft/s	No Sun 2 Ft/s	Full Sun 0 Ft/s	Full Sun 2 Ft/s
75°C - Aluminum Conductor - Concentric Strand					
4	1/2	99	119	63	95
4	Full	105	125	67	100
3	1/2	114	136	72	109
3	Full	120	143	76	114
2	1/2	130	156	83	124
2	Full	138	164	88	131
1	1/2	150	180	95	143
1	Full	159	189	101	150
1/0	1/2	173	206	109	163
1/0	Full	184	218	115	172
2/0	1/2	199	237	125	187
2/0	Full	212	251	133	197
3/0	1/2	229	273	143	214
3/0	Full	244	289	152	226
4/0	1/2	264	315	164	245
4/0	Full	282	333	175	259

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Isolated Cable in Non-Metallic Unventilated Riser in Air

40°C Air Ambient

Condr Size	Neut. 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					
4	1/2	92	96	73	84
4	Full	98	103	79	90
3	1/2	105	110	84	96
3	Full	112	118	90	103
2	1/2	119	126	96	110
2	Full	128	135	103	117
1	1/2	136	144	109	125
1	Full	147	154	118	135
1/0	1/2	156	165	125	144
1/0	Full	168	177	134	154
2/0	1/2	178	189	143	164
2/0	Full	192	203	154	177
3/0	1/2	204	216	164	188
3/0	Full	219	232	176	203
4/0	1/2	233	248	187	216
4/0	Full	251	267	202	232

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15 kV Extruded Dielectric 2/c Concentric Neutral Cable
Neutral Current 1/2 of Conductor Current
Isolated Cable in Non-Metallic Unventilated Riser in Air

40°C Air Ambient

Condr Size	Neut. Size	No Sun 0 Ft/s	No Sun 2 Ft/s	Full Sun 0 Ft/s	Full Sun 2 Ft/s
75°C - Aluminum Conductor - Concentric Strand					
4	1/2	76	81	52	65
4	Full	82	86	56	70
3	1/2	87	92	59	74
3	Full	94	99	64	80
2	1/2	99	105	68	85
2	Full	107	113	73	91
1	1/2	114	120	78	97
1	Full	122	129	84	104
1/0	1/2	130	138	89	111
1/0	Full	140	148	96	119
2/0	1/2	148	158	101	127
2/0	Full	160	170	109	137
3/0	1/2	169	181	116	146
3/0	Full	183	194	125	157
4/0	1/2	194	207	133	167
4/0	Full	209	223	143	180

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