5 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	238	62	148.0	211	68	116.4	192	72	96.3
4	Full	250	59	136.6	224	65	109.4	204	69	91.4
3	1/2	273	63	148.1	241	69	115.6	219	72	95.2
3	Full	286	60	136.6	256	66	108.8	233	70	90.5
2	1/2	312	64	147.4	275	70	114.8	249	73	94.2
2	Full	329	61	136.8	292	67	107.8	266	71	89.7
1	1/2	358	65	146.2	315	71	112.9	284	74	92.4
1	Full	378	62	136.2	335	68	106.7	304	72	88.1
1/0	1/2	410	66	145.0	359	72	111.0	324	75	90.6
1/0	Full	433	64	135.0	383	69	105.6	347	73	86.5
2/0	1/2	470	67	143.1	410	73	109.1	370	76	88.5
2/0	Full	497	65	133.6	437	70	103.5	396	74	84.6
3/0	1/2	538	68	140.6	469	74	106.5	421	77	86.1
3/0	Full	570	66	132.1	500	71	101.6	451	75	82.9
4/0	1/2	616	70	137.8	535	75	103.7	480	78	83.4
4/0	Full	654	67	129.7	572	72	99.1	515	76	80.8

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5 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	224	65	130.6	195	71	99.6	176	75	80.5
4	Full	236	62	121.3	208	68	94.1	188	72	77.3
3	1/2	255	66	129.8	223	72	98.4	200	75	79.5
3	Full	270	63	120.9	237	69	93.7	214	73	76.4
2	1/2	292	67	128.8	253	73	97.2	227	76	78.2
2	Full	308	64	120.3	270	70	92.2	243	74	75.2
1	1/2	334	68	127.2	289	74	95.3	258	77	76.2
1	Full	354	66	119.1	309	72	91.0	277	75	73.3
1/0	1/2	381	69	125.1	329	75	93.3	294	78	74.3
1/0	Full	404	67	117.8	352	73	89.3	315	76	71.6
2/0	1/2	436	71	122.9	375	76	91.1	334	79	72.2
2/0	Full	463	68	116.0	401	74	87.2	359	77	69.6
3/0	1/2	497	72	120.3	427	76	88.6	380	79	69.9
3/0	Full	529	69	113.8	457	74	84.9	408	78	67.9
4/0	1/2	568	73	117.1	486	77	85.7	431	80	67.4
4/0	Full	605	70	111.4	521	75	82.7	465	78	65.4

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5 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	222	56	125.1	197	61	98.5	179	64	81.6
4	Full	233	54	115.4	209	59	92.5	191	62	77.3
3	1/2	255	57	125.1	225	62	97.8	204	65	80.6
3	Full	268	55	115.6	239	60	92.1	218	63	76.4
2	1/2	292	58	124.8	257	63	96.7	233	66	79.7
2	Full	307	56	115.8	273	61	91.2	248	64	75.7
1	1/2	335	59	123.8	294	64	95.7	266	67	78.1
1	Full	353	57	115.3	313	62	90.5	284	65	74.8
1/0	1/2	383	60	122.3	336	65	94.2	303	67	76.6
1/0	Full	405	58	114.2	357	63	89.3	324	66	73.4
2/0	1/2	439	61	120.7	384	65	92.4	345	68	74.8
2/0	Full	464	59	113.0	409	63	87.7	370	66	71.8
3/0	1/2	503	62	119.1	438	66	90.2	393	69	72.7
3/0	Full	533	60	111.7	467	64	86.1	422	67	69.9
4/0	1/2	576	63	116.7	500	67	88.0	448	70	70.8
4/0	Full	611	61	109.8	534	65	84.2	481	68	68.1

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5 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	209	59	110.5	183	64	84.3	164	67	68.6
4	Full	220	57	102.8	194	62	80.0	176	65	65.3
3	1/2	239	60	109.9	208	65	83.2	187	68	67.5
3	Full	252	57	102.6	221	63	79.0	200	66	64.4
2	1/2	273	61	108.8	237	65	82.2	212	68	66.2
2	Full	288	58	101.8	252	63	78.2	227	67	63.7
1	1/2	312	62	107.6	270	66	80.5	242	69	64.3
1	Full	330	59	101.0	288	64	76.7	259	67	61.9
1/0	1/2	356	63	106.0	308	67	78.8	275	70	63.0
1/0	Full	378	60	99.7	329	65	75.2	295	68	60.7
2/0	1/2	407	64	104.0	350	68	76.9	312	70	61.0
2/0	Full	432	61	98.0	375	66	73.9	335	69	58.9
3/0	1/2	465	64	101.6	399	69	74.8	355	71	59.3
3/0	Full	494	62	96.3	427	67	71.9	382	70	57.3
4/0	1/2	531	65	99.1	454	69	72.3	403	72	57.0
4/0	Full	565	63	94.2	487	68	69.7	434	70	55.5

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5 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	214	53	113.7	190	58	89.8	173	61	74.0
4	Full	224	51	105.0	201	56	83.8	184	59	70.2
3	1/2	245	54	113.5	217	59	89.0	197	62	73.3
3	Full	257	52	105.2	229	57	83.7	209	60	69.6
2	1/2	280	55	113.3	247	59	88.2	224	62	72.2
2	Full	295	53	105.3	262	57	83.2	239	60	68.7
1	1/2	322	56	112.4	283	60	86.7	255	63	71.0
1	Full	339	54	104.8	300	58	82.4	273	61	67.6
1/0	1/2	368	57	111.5	323	61	85.6	291	64	69.3
1/0	Full	389	55	103.8	344	59	81.1	311	62	66.6
2/0	1/2	422	58	110.0	369	62	83.8	332	64	67.9
2/0	Full	446	56	103.1	393	60	79.9	355	63	65.3
3/0	1/2	483	58	108.1	421	62	82.1	378	65	66.2
3/0	Full	512	56	101.6	449	61	78.0	405	63	63.8
4/0	1/2	553	59	106.0	480	63	80.0	431	65	64.3
4/0	Full	587	57	99.9	513	61	76.5	463	64	62.0

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5 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	201	56	100.1	176	60	76.7	158	63	62.0
4	Full	212	54	93.0	187	58	72.4	169	61	59.3
3	1/2	229	57	99.9	200	61	75.9	180	64	61.2
3	Full	242	55	93.1	213	59	71.7	192	62	58.6
2	1/2	262	57	98.8	228	62	74.7	204	64	60.2
2	Full	277	55	92.7	243	60	71.2	218	63	57.6
1	1/2	300	58	97.6	260	63	73.3	232	65	58.6
1	Full	318	56	91.9	277	61	70.0	249	64	56.2
1/0	1/2	342	59	96.1	296	63	71.6	264	66	57.1
1/0	Full	363	57	90.6	316	62	68.4	283	64	55.3
2/0	1/2	391	60	94.5	337	64	70.0	300	66	55.4
2/0	Full	416	58	89.4	360	62	67.0	322	65	53.7
3/0	1/2	447	61	92.2	383	65	67.9	341	67	53.6
3/0	Full	475	59	87.4	411	63	65.4	367	65	52.0
4/0	1/2	510	62	89.9	436	65	65.8	387	67	52.1
4/0	Full	543	60	85.7	468	64	63.5	417	66	50.5

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5 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	194	48	90.9	173	51	71.8	157	54	59.3
4	Full	204	46	83.8	183	50	66.9	167	52	56.0
3	1/2	223	48	91.0	197	52	71.2	179	54	58.6
3	Full	234	46	84.2	209	50	67.0	190	53	55.5
2	1/2	255	49	90.7	225	53	70.7	204	55	57.6
2	Full	268	47	84.2	239	51	66.7	217	53	55.1
1	1/2	293	50	90.0	257	53	69.5	232	55	56.7
1	Full	308	48	83.8	273	52	65.7	248	54	54.3
1/0	1/2	335	50	89.3	294	54	68.4	265	56	55.7
1/0	Full	354	49	83.4	312	52	64.8	283	55	53.5
2/0	1/2	384	51	88.1	335	54	67.0	302	56	54.6
2/0	Full	406	49	82.5	357	53	63.6	323	55	52.0
3/0	1/2	439	52	86.6	383	55	65.4	344	57	52.8
3/0	Full	465	50	81.3	408	54	62.6	369	56	50.8
4/0	1/2	503	52	84.6	437	56	63.9	392	57	51.3
4/0	Full	534	51	80.0	467	54	61.2	420	56	49.8

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5 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	183	50	80.0	160	53	61.5	144	56	49.5
4	Full	192	48	74.5	170	52	58.2	153	54	47.3
3	1/2	208	50	80.1	182	54	60.7	163	56	49.2
3	Full	220	49	74.3	193	52	57.6	175	55	47.1
2	1/2	238	51	79.2	207	54	59.7	186	57	48.1
2	Full	252	49	74.2	221	53	56.6	199	55	46.1
1	1/2	273	52	78.1	236	55	58.6	211	57	46.7
1	Full	289	50	73.3	252	54	55.7	226	56	45.2
1/0	1/2	311	52	77.0	269	56	57.5	240	58	45.8
1/0	Full	330	51	72.5	287	54	54.8	258	56	44.0
2/0	1/2	356	53	75.6	306	56	55.9	273	58	44.3
2/0	Full	378	52	71.3	328	55	53.7	293	57	43.0
3/0	1/2	406	54	74.0	348	57	54.5	310	58	43.1
3/0	Full	432	52	69.9	373	55	52.4	333	57	41.9
4/0	1/2	464	54	72.0	397	57	52.8	352	59	41.7
4/0	Full	494	53	68.5	425	56	50.9	379	58	40.2

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5 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	158	39	57.1	140	41	44.6	127	43	37.0
4	Full	165	38	52.2	148	40	41.9	135	42	34.8
3	1/2	181	40	57.0	160	42	44.5	145	43	36.6
3	Full	190	38	52.3	169	41	41.9	154	42	35.1
2	1/2	207	40	56.6	182	42	44.1	165	44	36.1
2	Full	218	39	52.6	193	41	41.6	176	43	34.6
1	1/2	237	40	56.2	209	43	43.3	188	44	35.2
1	Full	250	39	52.4	222	42	41.0	201	43	33.8
1/0	1/2	272	41	55.7	238	43	42.6	215	44	34.9
1/0	Full	287	40	52.1	253	42	40.3	230	44	33.1
2/0	1/2	311	41	55.0	272	43	42.1	245	45	33.9
2/0	Full	329	40	51.6	290	42	40.0	262	44	32.7
3/0	1/2	356	42	54.0	310	44	41.0	279	45	32.9
3/0	Full	377	41	50.8	331	43	39.0	299	44	31.7
4/0	1/2	408	42	52.8	354	44	39.8	318	45	32.1
4/0	Full	433	41	49.8	379	43	38.3	341	45	31.0

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5 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	148	40	50.1	130	43	38.1	117	44	31.0
4	Full	156	39	46.8	138	42	36.5	124	43	29.9
3	1/2	169	41	49.7	147	43	37.7	132	44	30.3
3	Full	179	40	46.6	157	42	36.1	142	44	29.3
2	1/2	193	41	49.6	168	43	37.6	150	45	30.1
2	Full	204	40	46.1	179	43	35.6	161	44	28.6
1	1/2	221	42	49.1	191	44	36.7	171	45	29.5
1	Full	234	41	45.7	204	43	34.8	184	44	28.1
1/0	1/2	253	42	48.0	218	44	35.8	195	45	28.5
1/0	Full	268	41	45.3	233	43	34.4	209	45	27.6
2/0	1/2	289	43	47.3	248	44	34.8	221	46	27.9
2/0	Full	307	42	44.7	266	44	33.5	238	45	26.6
3/0	1/2	329	43	46.3	283	45	34.1	251	46	26.8
3/0	Full	350	42	43.9	303	44	32.5	270	45	26.0
4/0	1/2	376	43	45.2	322	45	32.9	286	46	26.0
4/0	Full	401	42	42.9	345	44	31.8	308	46	25.3

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5 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
					75% LF					
90°C - Copper Conductor - Concentric Strand										
4	1/2	196	71	142.0	170	76	106.6	152	78	85.4
4	Full	208	68	134.3	182	74	102.0	163	77	82.3
3	1/2	224	72	140.6	193	76	104.7	173	79	84.0
3	Full	238	69	133.6	207	74	100.7	186	77	81.0
2	1/2	255	73	139.0	219	77	103.2	196	80	82.2
2	Full	272	70	132.2	235	75	99.3	211	78	79.8
1	1/2	291	74	136.8	250	78	100.7	223	80	80.2
1	Full	311	71	130.4	268	76	97.3	240	79	77.8
1/0	1/2	332	74	134.3	284	79	98.4	253	81	78.2
1/0	Full	355	72	128.2	306	77	95.2	273	80	75.9
2/0	1/2	379	75	131.3	324	79	96.0	288	82	76.0
2/0	Full	405	73	125.8	348	78	93.0	311	80	73.8
3/0	1/2	432	76	128.2	368	80	93.1	327	82	73.6
3/0	Full	462	74	123.0	396	78	90.5	353	81	71.8
4/0	1/2	492	77	124.5	419	81	90.4	372	83	71.2
4/0	Full	527	75	119.9	451	79	88.0	402	81	69.6

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5 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	180	74	120.1	154	78	87.4	136	81	68.9
4	Full	193	71	114.7	165	76	84.3	147	79	67.0
3	1/2	205	75	118.4	175	79	85.9	155	81	67.3
3	Full	219	72	113.2	188	77	82.9	167	80	65.5
2	1/2	233	75	116.6	198	80	84.0	175	82	65.6
2	Full	250	73	111.7	213	78	81.5	189	80	64.2
1	1/2	266	76	113.8	225	80	81.5	199	82	63.7
1	Full	285	74	109.5	242	79	79.2	215	81	62.3
1/0	1/2	302	77	111.2	255	81	79.5	225	83	61.8
1/0	Full	324	75	107.0	275	79	77.2	243	82	60.6
2/0	1/2	344	78	108.2	290	81	76.9	255	83	59.6
2/0	Full	369	76	104.5	313	80	75.1	276	82	58.3
3/0	1/2	391	79	104.9	329	82	74.4	289	84	57.5
3/0	Full	420	77	101.4	355	81	72.7	313	83	56.6
4/0	1/2	444	79	101.5	373	83	71.5	328	84	55.2
4/0	Full	478	78	98.3	403	81	70.1	355	83	54.4

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5 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	183	64	120.1	159	68	90.0	142	70	72.3
4	Full	195	62	113.5	170	66	86.2	153	69	69.7
3	1/2	209	65	119.2	180	68	88.8	161	71	71.0
3	Full	222	62	112.9	193	67	85.1	173	69	68.8
2	1/2	238	65	117.7	205	69	87.2	183	71	69.5
2	Full	254	63	111.7	220	67	84.0	197	70	67.4
1	1/2	272	66	115.5	234	70	85.2	208	72	67.7
1	Full	290	64	110.1	251	68	82.2	224	71	66.0
1/0	1/2	310	67	113.4	266	70	83.3	237	72	66.0
1/0	Full	331	65	108.3	286	69	80.4	255	71	64.4
2/0	1/2	354	68	110.9	302	71	81.1	269	73	64.1
2/0	Full	378	66	106.4	325	70	78.7	290	72	62.6
3/0	1/2	403	68	108.3	344	71	79.0	306	73	62.4
3/0	Full	432	67	104.0	370	70	76.4	330	72	60.9
4/0	1/2	460	69	105.3	391	72	76.3	347	74	60.1
4/0	Full	493	67	101.5	422	71	74.4	375	73	58.7

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5 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	169	66	101.6	144	70	73.9	127	72	58.1
4	Full	180	64	97.0	154	68	71.6	137	71	56.6
3	1/2	192	67	100.3	163	71	72.5	144	73	57.0
3	Full	205	65	95.8	175	69	70.3	156	71	55.5
2	1/2	218	68	98.6	185	71	70.9	164	73	55.7
2	Full	233	66	94.3	199	70	68.8	177	72	54.2
1	1/2	248	68	96.3	210	72	69.0	186	74	53.9
1	Full	266	67	92.6	226	70	67.0	201	72	52.5
1/0	1/2	282	69	93.9	239	72	67.3	210	74	52.2
1/0	Full	303	67	90.7	257	71	65.4	227	73	51.3
2/0	1/2	321	70	91.5	271	73	65.0	238	74	50.4
2/0	Full	345	68	88.4	292	72	63.5	258	73	49.5
3/0	1/2	365	70	88.8	307	73	62.9	270	75	48.6
3/0	Full	392	69	85.9	332	72	61.5	293	74	47.7
4/0	1/2	415	71	85.8	348	74	60.6	306	75	46.8
4/0	Full	446	70	83.1	377	73	59.3	332	74	46.0

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5 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	176	60	109.3	152	64	82.0	136	66	65.4
4	Full	187	58	103.5	163	62	78.5	147	65	63.5
3	1/2	201	61	108.4	173	65	80.7	155	67	64.4
3	Full	214	59	102.5	186	63	77.3	167	65	62.5
2	1/2	229	62	107.1	197	65	79.4	176	67	63.1
2	Full	244	60	101.7	211	64	76.2	189	66	61.3
1	1/2	261	62	105.1	225	66	77.5	200	68	61.6
1	Full	279	61	100.0	241	64	74.8	216	66	60.0
1/0	1/2	298	63	103.2	255	66	75.6	227	68	59.9
1/0	Full	318	61	98.7	274	65	73.4	245	67	58.3
2/0	1/2	340	64	100.9	291	67	73.8	258	69	58.3
2/0	Full	364	62	96.6	313	65	71.4	279	67	56.8
3/0	1/2	388	64	98.6	331	67	71.8	294	69	56.6
3/0	Full	415	63	94.5	356	66	69.5	317	68	55.2
4/0	1/2	442	65	95.8	376	68	69.6	334	69	54.7
4/0	Full	474	63	92.3	405	67	67.7	361	68	53.6

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5 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	162	63	92.4	138	66	67.3	122	68	52.7
4	Full	173	61	88.1	148	65	65.0	132	67	51.6
3	1/2	184	63	91.0	157	66	65.9	139	68	51.8
3	Full	197	61	87.0	169	65	64.0	150	67	50.3
2	1/2	210	64	89.7	178	67	64.5	157	69	50.3
2	Full	224	62	85.8	191	66	62.7	170	68	49.3
1	1/2	239	64	87.6	202	67	62.6	178	69	48.8
1	Full	256	63	84.2	218	66	61.0	193	68	47.8
1/0	1/2	271	65	85.6	229	68	60.9	202	70	47.4
1/0	Full	291	64	82.4	247	67	59.3	219	69	46.5
2/0	1/2	309	66	83.3	260	68	59.3	229	70	45.9
2/0	Full	331	64	80.2	281	67	57.7	248	69	45.0
3/0	1/2	351	66	80.8	295	69	57.2	260	70	44.3
3/0	Full	377	65	78.2	319	68	55.8	281	69	43.4
4/0	1/2	399	67	78.0	335	69	54.9	294	71	42.5
4/0	Full	429	66	75.8	362	68	53.9	319	70	41.7

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5 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	160	53	87.4	139	56	65.4	124	58	52.3
4	Full	170	52	82.7	148	55	62.7	133	57	50.8
3	1/2	183	54	86.6	158	57	64.4	141	58	51.4
3	Full	194	52	82.2	169	55	62.2	152	57	50.0
2	1/2	208	54	85.4	179	57	63.5	160	59	50.7
2	Full	222	53	81.2	192	56	61.0	172	58	48.9
1	1/2	238	55	84.2	204	58	62.0	182	59	49.2
1	Full	254	54	80.2	219	56	60.0	196	58	47.8
1/0	1/2	271	55	82.4	232	58	60.6	207	59	48.1
1/0	Full	290	54	78.8	250	57	58.6	223	59	46.8
2/0	1/2	309	56	80.8	264	58	58.9	235	60	46.8
2/0	Full	331	55	77.2	284	57	57.1	254	59	45.6
3/0	1/2	352	56	78.7	301	59	57.5	267	60	45.1
3/0	Full	377	55	75.6	324	58	55.8	288	59	44.3
4/0	1/2	402	57	76.6	342	59	55.5	303	60	43.8
4/0	Full	430	56	73.6	368	58	54.1	328	60	42.8

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5 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	147	55	73.9	126	58	53.9	111	59	42.3
4	Full	157	54	70.4	135	57	51.9	120	58	41.2
3	1/2	168	56	72.9	143	58	52.9	126	60	41.4
3	Full	179	54	69.6	153	57	51.1	136	59	40.3
2	1/2	191	56	71.6	162	59	51.8	143	60	40.4
2	Full	204	55	68.8	174	58	50.0	154	59	39.4
1	1/2	217	57	70.1	184	59	50.2	162	60	39.1
1	Full	232	55	67.4	198	58	48.8	175	60	38.4
1/0	1/2	247	57	68.3	208	59	48.7	184	61	37.8
1/0	Full	265	56	65.7	225	58	47.4	199	60	37.2
2/0	1/2	281	58	66.5	237	60	47.4	208	61	36.8
2/0	Full	301	56	64.1	255	59	46.2	225	60	35.9
3/0	1/2	319	58	64.7	268	60	45.7	236	61	35.3
3/0	Full	343	57	62.4	290	59	44.5	256	61	34.8
4/0	1/2	363	58	62.5	304	60	44.1	268	61	34.1
4/0	Full	390	57	60.6	329	60	43.0	290	61	33.6

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5 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	130	43	54.6	112	44	40.8	101	46	32.7
4	Full	138	42	51.6	120	44	39.3	108	45	31.6
3	1/2	148	43	54.0	128	45	40.3	114	46	32.2
3	Full	158	42	51.4	137	44	38.9	123	45	31.1
2	1/2	169	43	53.5	145	45	39.7	130	46	31.6
2	Full	180	42	50.7	156	44	38.3	140	45	30.5
1	1/2	193	44	52.5	166	45	38.7	148	46	30.7
1	Full	206	43	50.2	178	45	37.4	159	46	30.0
1/0	1/2	220	44	51.6	188	46	37.8	168	47	30.1
1/0	Full	235	43	49.3	202	45	36.5	181	46	29.2
2/0	1/2	251	44	50.4	214	46	36.8	191	47	29.2
2/0	Full	268	44	48.3	231	45	35.9	206	46	28.6
3/0	1/2	286	45	49.1	244	46	35.9	217	47	28.2
3/0	Full	306	44	47.1	262	46	34.8	234	46	27.6
4/0	1/2	326	45	47.9	277	46	34.6	246	47	27.3
4/0	Full	349	44	46.0	299	46	33.8	266	47	26.8

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5 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	120	44	46.2	102	45	33.5	90	46	26.6
4	Full	128	43	44.3	109	45	32.3	97	46	25.8
3	1/2	136	44	45.5	116	46	32.9	102	47	25.9
3	Full	145	43	43.7	124	45	31.8	110	46	25.2
2	1/2	155	44	44.7	131	46	32.3	116	47	25.2
2	Full	165	44	42.9	141	45	31.2	125	46	24.5
1	1/2	176	45	43.8	149	46	31.3	132	47	24.6
1	Full	188	44	42.1	161	46	30.7	142	47	23.9
1/0	1/2	200	45	42.6	169	47	30.4	149	47	23.7
1/0	Full	215	44	41.0	182	46	29.8	161	47	23.4
2/0	1/2	228	45	41.6	192	47	29.5	169	47	23.1
2/0	Full	244	45	40.1	207	46	28.9	183	47	22.5
3/0	1/2	259	46	40.2	218	47	28.5	191	48	22.1
3/0	Full	278	45	39.1	235	46	27.9	207	47	21.8
4/0	1/2	294	46	39.0	247	47	27.6	217	48	21.4
4/0	Full	316	45	37.9	267	47	26.8	235	47	20.8

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5 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	171	75	143.7	146	79	104.9	130	82	83.0
4	Full	183	73	137.8	157	78	101.8	140	80	80.9
3	1/2	194	76	141.8	166	80	103.2	147	82	81.4
3	Full	208	74	136.2	178	78	100.2	159	81	79.5
2	1/2	221	77	139.3	188	81	101.1	167	83	79.6
2	Full	237	75	134.2	203	79	98.2	180	81	77.7
1	1/2	251	78	136.2	214	81	98.4	189	83	77.1
1	Full	270	76	131.4	230	80	95.7	205	82	75.6
1/0	1/2	286	78	133.3	243	82	95.9	215	84	75.1
1/0	Full	307	77	128.8	262	80	93.6	232	82	73.7
2/0	1/2	326	79	130.0	276	82	93.1	244	84	72.8
2/0	Full	350	77	125.6	298	81	91.0	264	83	71.5
3/0	1/2	371	80	126.2	313	83	90.1	277	84	70.4
3/0	Full	399	78	122.4	339	81	88.3	300	83	69.1
4/0	1/2	422	80	122.3	356	83	87.1	314	85	68.0
4/0	Full	454	79	118.9	385	82	85.4	341	84	66.8

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5 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	155	78	119.0	131	81	84.7	115	83	65.8
4	Full	167	76	114.9	141	80	82.6	125	82	64.5
3	1/2	176	79	117.0	148	82	82.8	130	84	64.0
3	Full	189	77	113.1	160	81	80.8	141	83	63.0
2	1/2	200	79	114.3	168	82	80.9	148	84	62.5
2	Full	215	78	110.9	182	81	79.0	160	83	61.3
1	1/2	227	80	111.3	191	83	78.3	167	85	60.3
1	Full	245	78	108.0	206	82	76.5	181	84	59.4
1/0	1/2	258	81	108.2	216	83	75.9	189	85	58.2
1/0	Full	278	79	105.4	234	82	74.5	205	84	57.4
2/0	1/2	293	81	105.0	245	84	73.4	214	85	56.3
2/0	Full	316	80	102.3	265	83	72.0	233	84	55.5
3/0	1/2	332	82	101.7	277	84	70.7	243	86	54.3
3/0	Full	359	80	99.1	300	83	69.4	264	85	53.5
4/0	1/2	377	82	97.9	314	85	68.0	275	86	52.1
4/0	Full	407	81	95.7	341	84	66.8	299	85	51.4

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5 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	159	68	121.7	136	71	88.8	121	73	70.3
4	Full	171	66	116.6	147	70	86.1	131	72	68.6
3	1/2	181	68	120.0	155	72	87.4	137	73	68.9
3	Full	194	67	115.1	167	70	84.7	148	72	67.3
2	1/2	206	69	117.8	176	72	85.6	156	74	67.3
2	Full	221	67	113.4	189	71	83.1	168	73	65.7
1	1/2	235	70	115.2	200	73	83.1	177	74	65.4
1	Full	252	68	111.3	215	71	81.0	191	73	63.9
1/0	1/2	267	70	112.8	227	73	81.1	201	75	63.7
1/0	Full	287	69	109.1	245	72	79.1	217	74	62.2
2/0	1/2	304	71	109.9	258	73	78.8	228	75	61.5
2/0	Full	327	69	106.4	278	72	76.9	247	74	60.4
3/0	1/2	346	71	106.8	293	74	76.3	259	75	59.7
3/0	Full	373	70	103.7	316	73	74.8	280	74	58.6
4/0	1/2	394	72	103.5	333	74	73.8	294	76	57.4
4/0	Full	424	71	100.6	360	73	72.4	318	75	56.7

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5 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 - Copper Conductor - Concentric Strand										
4	1/2	145	70	100.8	122	73	71.7	108	74	55.5
4	Full	156	68	97.4	132	72	69.9	117	73	54.5
3	1/2	165	70	98.9	139	73	70.2	122	75	54.4
3	Full	177	69	95.6	150	72	68.6	132	74	53.1
2	1/2	187	71	97.0	157	74	68.2	138	75	52.7
2	Full	201	70	93.8	170	73	67.0	149	74	51.8
1	1/2	212	72	94.2	178	74	66.3	156	75	51.0
1	Full	229	70	91.5	193	73	64.8	169	75	50.1
1/0	1/2	241	72	91.6	202	74	64.2	177	76	49.4
1/0	Full	260	71	89.1	218	74	62.8	192	75	48.5
2/0	1/2	274	73	88.8	229	75	62.0	200	76	47.7
2/0	Full	295	71	86.6	248	74	60.9	217	75	47.1
3/0	1/2	311	73	85.8	259	75	59.9	227	76	45.8
3/0	Full	335	72	83.7	281	74	58.9	246	76	45.3
4/0	1/2	352	74	82.7	294	76	57.4	257	77	43.9
4/0	Full	381	72	81.0	318	75	56.4	279	76	43.4

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5 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	153	64	110.7	131	67	80.9	116	69	63.8
4	Full	164	62	105.9	141	66	78.2	126	68	62.4
3	1/2	174	64	109.1	149	67	79.5	132	69	62.6
3	Full	187	63	104.8	160	66	77.2	143	68	61.0
2	1/2	198	65	107.1	169	68	77.7	150	69	61.3
2	Full	213	63	103.3	182	67	75.5	162	68	59.7
1	1/2	226	66	104.7	192	68	75.6	170	70	59.4
1	Full	242	64	101.1	207	67	73.8	184	69	58.2
1/0	1/2	257	66	102.5	218	69	73.7	193	70	57.7
1/0	Full	276	65	99.1	235	68	71.9	209	69	56.5
2/0	1/2	292	67	99.9	248	69	71.5	219	70	56.0
2/0	Full	315	65	96.7	268	68	69.9	237	70	55.0
3/0	1/2	333	67	97.0	281	69	69.4	248	71	54.3
3/0	Full	358	66	94.2	304	68	67.9	269	70	53.3
4/0	1/2	379	68	94.1	320	70	67.0	282	71	52.3
4/0	Full	408	66	91.4	346	69	65.6	306	70	51.4

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5 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	140	66	91.5	118	68	65.1	104	70	50.4
4	Full	150	64	88.5	127	67	63.4	112	69	49.4
3	1/2	158	66	90.0	133	69	63.6	117	70	49.5
3	Full	170	65	87.0	144	68	62.3	127	69	48.5
2	1/2	180	67	88.1	151	69	62.2	133	71	48.0
2	Full	193	65	85.3	163	68	60.6	144	70	47.1
1	1/2	204	67	85.5	171	70	60.3	150	71	46.5
1	Full	220	66	83.1	185	69	58.8	163	70	45.6
1/0	1/2	232	68	83.4	194	70	58.2	170	71	44.8
1/0	Full	250	67	81.1	210	69	57.1	184	70	44.3
2/0	1/2	263	68	80.7	220	70	56.3	193	71	43.3
2/0	Full	284	67	78.8	238	69	55.5	209	71	42.8
3/0	1/2	298	69	78.1	249	71	54.3	218	72	41.7
3/0	Full	322	68	76.3	270	70	53.5	237	71	41.2
4/0	1/2	339	69	75.2	282	71	52.3	247	72	40.0
4/0	Full	366	68	73.6	306	70	51.4	268	71	39.6

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5 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	139	56	88.5	119	58	64.5	106	60	51.1
4	Full	149	55	84.7	128	57	62.7	114	59	49.7
3	1/2	158	57	87.4	135	59	63.3	120	60	50.1
3	Full	170	55	83.7	146	58	61.7	130	59	48.8
2	1/2	180	57	85.6	153	59	62.2	136	60	49.0
2	Full	193	56	82.4	165	58	60.3	147	60	47.7
1	1/2	205	57	84.0	174	60	60.6	155	61	47.4
1	Full	220	56	81.0	188	59	59.1	167	60	46.5
1/0	1/2	234	58	81.9	198	60	59.1	175	61	46.3
1/0	Full	251	57	79.4	214	59	57.7	190	60	45.4
2/0	1/2	266	58	79.9	225	60	57.4	199	61	44.7
2/0	Full	286	57	77.4	243	59	56.0	216	61	43.9
3/0	1/2	303	59	77.6	256	61	55.6	226	62	43.3
3/0	Full	326	58	75.3	276	60	54.3	245	61	42.5
4/0	1/2	344	59	75.2	291	61	53.5	256	62	41.7
4/0	Full	371	58	73.1	314	60	52.6	278	61	41.2

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5 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	127	58	73.4	107	60	52.1	94	61	40.5
4	Full	136	56	70.6	115	59	50.7	102	60	39.8
3	1/2	144	58	71.9	121	60	51.1	107	61	39.6
3	Full	155	57	69.6	131	59	49.8	115	61	38.6
2	1/2	163	58	70.4	137	60	49.6	121	61	38.5
2	Full	176	57	68.2	148	60	48.6	131	61	37.6
1	1/2	186	59	68.4	156	61	48.0	137	62	37.2
1	Full	200	58	66.6	168	60	47.1	148	61	36.6
1/0	1/2	211	59	66.5	176	61	46.8	155	62	36.0
1/0	Full	227	58	64.8	191	60	45.7	168	61	35.4
2/0	1/2	239	60	64.7	200	61	45.2	175	62	34.7
2/0	Full	258	59	63.1	216	61	44.4	190	62	34.1
3/0	1/2	271	60	62.5	226	62	43.5	198	62	33.3
3/0	Full	293	59	60.9	245	61	42.8	215	62	33.0
4/0	1/2	308	60	60.3	256	62	41.7	224	63	32.1
4/0	Full	333	60	58.8	278	61	41.2	244	62	31.6

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5 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	113	44	55.2	97	46	40.5	86	47	31.9
4	Full	121	44	52.8	104	45	39.1	93	46	31.2
3	1/2	129	45	54.4	110	46	39.6	97	47	31.3
3	Full	138	44	52.4	118	46	38.6	105	46	30.7
2	1/2	146	45	53.7	124	46	38.9	110	47	30.6
2	Full	157	44	51.5	134	46	37.9	119	47	30.0
1	1/2	167	45	52.5	142	47	37.8	125	47	29.7
1	Full	179	45	50.4	153	46	36.9	136	47	29.1
1/0	1/2	190	46	51.1	161	47	36.8	142	48	28.8
1/0	Full	204	45	49.4	173	46	36.0	154	47	28.3
2/0	1/2	216	46	49.8	183	47	35.7	161	48	27.9
2/0	Full	232	45	48.5	197	47	34.9	175	47	27.6
3/0	1/2	245	46	48.6	207	47	34.6	183	48	27.1
3/0	Full	264	45	47.1	224	47	34.1	198	47	26.6
4/0	1/2	279	46	47.0	236	47	33.5	208	48	26.0
4/0	Full	301	46	45.8	255	47	32.8	225	48	25.8

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5 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	103	45	45.9	87	47	32.6	76	47	25.4
4	Full	110	45	44.2	94	46	31.9	83	47	24.7
3	1/2	117	46	44.8	98	47	32.0	86	48	24.7
3	Full	125	45	43.5	106	46	31.0	94	47	24.1
2	1/2	133	46	43.9	111	47	31.0	98	48	24.0
2	Full	143	45	42.6	120	47	30.3	106	47	23.7
1	1/2	151	46	42.9	126	47	30.0	111	48	23.1
1	Full	162	46	41.7	136	47	29.4	120	48	22.8
1/0	1/2	171	46	41.7	143	48	29.1	125	48	22.6
1/0	Full	184	46	40.5	155	47	28.6	136	48	22.0
2/0	1/2	194	47	40.3	162	48	28.2	142	48	21.7
2/0	Full	209	46	39.3	175	47	27.6	154	48	21.4
3/0	1/2	220	47	38.9	184	48	27.1	161	48	20.7
3/0	Full	238	46	38.2	199	47	26.6	174	48	20.5
4/0	1/2	250	47	37.6	208	48	26.0	182	48	20.0
4/0	Full	270	47	36.7	225	48	25.8	197	48	19.8

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5 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	137	34	14.6	134	37	13.8	130	40	13.0
4	Full	148	34	14.2	144	37	13.3	140	40	12.7
3	1/2	157	34	15.1	152	38	14.2	148	41	13.5
3	Full	169	34	14.6	164	37	13.8	160	40	13.0
2	1/2	179	34	15.6	174	38	14.6	169	41	13.8
2	Full	193	34	15.1	187	38	14.3	182	41	13.5
1	1/2	205	35	16.2	199	38	15.3	193	42	14.3
1	Full	221	35	15.8	215	38	14.8	208	41	14.0
1/0	1/2	234	35	16.7	227	39	15.8	220	42	14.8
1/0	Full	253	35	16.4	245	39	15.4	238	42	14.5
2/0	1/2	268	36	17.4	260	39	16.2	251	43	15.3
2/0	Full	290	35	17.0	280	39	15.9	272	42	15.0
3/0	1/2	307	36	18.2	297	40	16.9	287	43	15.9
3/0	Full	332	36	17.7	321	40	16.6	311	43	15.6
4/0	1/2	352	36	19.0	340	41	17.5	328	44	16.4
4/0	Full	381	36	18.5	367	40	17.2	355	44	16.1

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5 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	135	36	14.0	130	41	13.0	125	44	12.1
4	Full	145	36	13.7	140	40	12.7	135	44	11.7
3	1/2	154	37	14.5	148	41	13.3	142	45	12.4
3	Full	166	36	14.0	159	41	13.0	154	44	12.1
2	1/2	175	37	15.0	168	42	13.7	162	45	12.7
2	Full	189	37	14.5	182	41	13.3	175	45	12.4
1	1/2	200	37	15.4	192	42	14.2	185	46	13.2
1	Full	216	37	15.1	208	42	13.8	200	46	12.9
1/0	1/2	229	38	16.1	219	43	14.6	211	47	13.5
1/0	Full	247	38	15.6	237	42	14.3	228	46	13.2
2/0	1/2	262	38	16.6	250	43	15.1	240	47	14.0
2/0	Full	283	38	16.2	271	43	14.8	260	47	13.7
3/0	1/2	300	39	17.2	286	44	15.8	274	48	14.5
3/0	Full	324	39	16.9	309	44	15.4	297	48	14.2
4/0	1/2	343	39	18.0	327	45	16.2	312	49	15.0
4/0	Full	371	39	17.5	354	44	15.9	338	48	14.6

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5 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	127	32	12.1	124	35	11.4	121	38	10.9
4	Full	137	32	11.7	134	35	11.1	130	37	10.6
3	1/2	145	33	12.5	141	36	11.9	137	38	11.3
3	Full	157	32	12.2	152	35	11.6	148	38	10.9
2	1/2	166	33	12.9	161	36	12.2	157	38	11.6
2	Full	179	33	12.5	174	36	11.9	169	38	11.3
1	1/2	190	33	13.5	184	36	12.7	179	39	11.9
1	Full	205	33	13.0	199	36	12.4	193	39	11.6
1/0	1/2	217	33	14.0	210	37	13.0	204	39	12.4
1/0	Full	234	33	13.7	227	36	12.7	220	39	12.1
2/0	1/2	248	34	14.5	240	37	13.5	233	40	12.7
2/0	Full	268	34	14.2	260	37	13.2	252	40	12.5
3/0	1/2	284	34	15.1	275	37	14.0	266	40	13.2
3/0	Full	307	34	14.8	297	37	13.8	288	40	12.9
4/0	1/2	326	35	15.8	314	38	14.6	304	41	13.7
4/0	Full	352	34	15.4	340	38	14.3	329	41	13.3

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5 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	125	34	11.7	120	38	10.8	116	41	10.1
4	Full	135	34	11.4	130	38	10.5	125	41	9.8
3	1/2	142	35	12.1	137	38	11.1	132	42	10.3
3	Full	154	34	11.7	148	38	10.8	143	41	10.1
2	1/2	162	35	12.4	156	39	11.4	150	42	10.6
2	Full	175	35	12.1	168	38	11.1	162	42	10.5
1	1/2	186	35	12.9	178	39	11.9	171	43	10.9
1	Full	201	35	12.5	192	39	11.6	185	42	10.8
1/0	1/2	212	36	13.3	203	40	12.2	195	43	11.3
1/0	Full	229	35	13.0	220	39	11.9	211	43	11.1
2/0	1/2	243	36	13.8	232	40	12.7	222	44	11.6
2/0	Full	262	36	13.5	251	40	12.4	241	43	11.4
3/0	1/2	278	37	14.3	265	41	13.0	254	44	11.9
3/0	Full	300	36	14.0	287	40	12.9	275	44	11.7
4/0	1/2	317	37	15.0	303	41	13.5	289	45	12.4
4/0	Full	343	37	14.6	328	41	13.3	314	45	12.2

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5 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	122	32	10.9	119	34	10.3	116	36	9.8
4	Full	131	31	10.6	128	34	10.1	125	36	9.5
3	1/2	139	32	11.3	135	34	10.6	132	37	10.1
3	Full	150	32	10.9	146	34	10.3	142	36	9.8
2	1/2	159	32	11.7	154	35	10.9	150	37	10.5
2	Full	171	32	11.4	166	35	10.8	162	37	10.1
1	1/2	182	32	12.1	176	35	11.4	171	38	10.8
1	Full	196	32	11.7	190	35	11.1	185	37	10.5
1/0	1/2	208	33	12.5	201	35	11.7	195	38	11.1
1/0	Full	224	32	12.2	217	35	11.6	211	38	10.9
2/0	1/2	238	33	13.0	230	36	12.2	223	38	11.4
2/0	Full	257	33	12.7	248	36	11.9	241	38	11.3
3/0	1/2	272	33	13.5	263	36	12.7	254	39	11.9
3/0	Full	294	33	13.3	284	36	12.4	275	39	11.6
4/0	1/2	312	34	14.2	301	37	13.2	291	39	12.4
4/0	Full	337	33	13.8	325	36	12.9	315	39	12.1

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5 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	120	33	10.5	115	37	9.8	111	40	9.2
4	Full	129	33	10.3	124	36	9.5	120	39	8.8
3	1/2	136	34	10.8	131	37	10.0	126	40	9.3
3	Full	147	34	10.6	141	37	9.8	137	40	9.2
2	1/2	155	34	11.3	149	37	10.3	144	40	9.6
2	Full	168	34	10.9	161	37	10.1	155	40	9.3
1	1/2	178	34	11.6	170	38	10.6	164	41	9.8
1	Full	192	34	11.3	184	38	10.5	177	41	9.6
1/0	1/2	203	35	12.1	194	38	10.9	187	41	10.1
1/0	Full	219	34	11.7	210	38	10.8	202	41	10.0
2/0	1/2	232	35	12.4	222	39	11.4	213	42	10.5
2/0	Full	251	35	12.2	240	38	11.1	230	42	10.3
3/0	1/2	265	35	12.9	253	39	11.7	243	42	10.8
3/0	Full	287	35	12.7	274	39	11.6	263	42	10.6
4/0	1/2	304	36	13.3	290	40	12.2	277	43	11.1
4/0	Full	329	36	13.2	314	39	12.1	300	43	10.9

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5 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	110	30	8.7	107	32	8.2	104	34	7.7
4	Full	118	30	8.4	115	32	7.9	112	34	7.6
3	1/2	125	30	8.8	122	32	8.4	119	34	7.9
3	Full	135	30	8.7	131	32	8.2	128	34	7.7
2	1/2	143	31	9.2	139	33	8.7	135	35	8.2
2	Full	154	30	8.8	150	33	8.4	146	34	8.0
1	1/2	164	31	9.5	159	33	9.0	154	35	8.5
1	Full	177	31	9.3	171	33	8.7	167	35	8.2
1/0	1/2	187	31	9.8	181	33	9.3	176	35	8.7
1/0	Full	202	31	9.6	196	33	9.0	190	35	8.5
2/0	1/2	214	31	10.3	207	34	9.6	201	36	9.0
2/0	Full	231	31	10.0	224	33	9.3	217	35	8.8
3/0	1/2	245	31	10.6	237	34	10.0	229	36	9.3
3/0	Full	265	31	10.5	256	34	9.8	248	36	9.2
4/0	1/2	280	32	11.1	271	34	10.3	262	36	9.6
4/0	Full	303	32	10.8	293	34	10.1	284	36	9.5

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5 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	108	32	8.2	104	34	7.7	100	37	7.1
4	Full	116	32	8.0	112	34	7.6	108	36	6.9
3	1/2	123	32	8.5	118	35	7.9	114	37	7.4
3	Full	132	32	8.4	128	34	7.7	123	37	7.2
2	1/2	140	32	8.8	135	35	8.0	130	37	7.6
2	Full	151	32	8.5	145	35	7.9	140	37	7.4
1	1/2	160	32	9.2	154	35	8.4	148	37	7.7
1	Full	173	32	8.8	166	35	8.2	160	37	7.6
1/0	1/2	183	33	9.5	175	35	8.7	168	38	8.0
1/0	Full	198	32	9.2	190	35	8.5	182	38	7.9
2/0	1/2	209	33	9.8	200	36	9.0	192	38	8.2
2/0	Full	226	33	9.5	216	36	8.7	208	38	8.0
3/0	1/2	239	33	10.1	228	36	9.2	219	39	8.5
3/0	Full	258	33	10.0	247	36	9.0	237	38	8.4
4/0	1/2	273	34	10.5	261	37	9.5	249	39	8.8
4/0	Full	296	33	10.3	282	36	9.3	270	39	8.7

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5 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	88	28	5.3	86	29	5.0	83	31	4.7
4	Full	95	28	5.1	92	29	4.8	90	30	4.7
3	1/2	100	28	5.5	97	30	5.1	95	31	4.8
3	Full	108	28	5.3	105	29	5.0	102	31	4.7
2	1/2	114	28	5.6	111	30	5.3	108	31	5.0
2	Full	123	28	5.5	120	30	5.1	117	31	4.8
1	1/2	131	29	5.8	127	30	5.5	123	31	5.1
1	Full	141	28	5.6	137	30	5.3	133	31	5.0
1/0	1/2	149	29	6.0	145	30	5.6	141	31	5.3
1/0	Full	162	29	5.8	157	30	5.5	152	31	5.1
2/0	1/2	171	29	6.3	165	30	5.8	160	31	5.5
2/0	Full	185	29	6.1	179	30	5.6	174	31	5.3
3/0	1/2	196	29	6.4	189	30	6.0	183	32	5.6
3/0	Full	212	29	6.3	204	30	6.0	198	32	5.6
4/0	1/2	224	29	6.8	216	31	6.3	209	32	5.8
4/0	Full	242	29	6.6	234	31	6.1	227	32	5.8

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5 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	86	29	5.0	83	31	4.7	80	32	4.3
4	Full	93	29	4.8	90	31	4.5	87	32	4.2
3	1/2	98	29	5.1	95	31	4.8	91	32	4.5
3	Full	106	29	5.0	102	31	4.7	99	32	4.3
2	1/2	112	29	5.3	108	31	5.0	104	32	4.5
2	Full	121	29	5.1	116	31	4.8	112	32	4.5
1	1/2	128	29	5.5	123	31	5.1	118	33	4.7
1	Full	138	29	5.5	133	31	5.0	128	32	4.7
1/0	1/2	146	30	5.8	140	31	5.3	135	33	4.8
1/0	Full	158	30	5.6	152	31	5.1	146	33	4.8
2/0	1/2	167	30	6.0	160	32	5.5	153	33	5.0
2/0	Full	181	30	5.8	173	31	5.3	166	33	5.0
3/0	1/2	191	30	6.1	182	32	5.6	175	33	5.1
3/0	Full	206	30	6.0	198	32	5.5	190	33	5.1
4/0	1/2	218	30	6.4	208	32	5.8	199	34	5.3
4/0	Full	236	30	6.3	226	32	5.6	216	33	5.3

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5 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	131	39	18.9	126	44	17.2	121	48	15.8
4	Full	142	39	18.3	135	44	16.7	130	48	15.5
3	1/2	150	40	19.4	143	45	17.6	137	49	16.3
3	Full	161	39	18.9	154	44	17.3	148	48	15.9
2	1/2	171	40	20.0	163	45	18.2	156	49	16.6
2	Full	184	40	19.4	176	45	17.7	168	49	16.3
1	1/2	195	41	20.7	185	46	18.8	177	50	17.1
1	Full	211	40	20.2	200	45	18.3	192	49	16.8
1/0	1/2	222	41	21.4	211	46	19.3	202	51	17.6
1/0	Full	240	41	20.9	229	46	18.9	218	50	17.3
2/0	1/2	254	42	22.1	241	47	19.9	230	51	18.1
2/0	Full	275	41	21.6	261	47	19.6	249	51	17.7
3/0	1/2	290	42	22.9	275	48	20.6	262	52	18.7
3/0	Full	314	42	22.4	298	47	20.1	283	52	18.3
4/0	1/2	332	43	23.8	314	49	21.3	298	53	19.2
4/0	Full	359	43	23.3	340	48	20.8	323	52	18.9

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5 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	127	43	17.5	119	49	15.5	113	54	13.9
4	Full	137	43	17.1	129	49	15.1	122	53	13.5
3	1/2	144	44	18.0	135	50	15.8	128	54	14.1
3	Full	156	43	17.5	146	49	15.5	138	54	13.9
2	1/2	164	44	18.4	154	50	16.3	145	55	14.4
2	Full	177	44	18.1	166	50	15.9	157	54	14.2
1	1/2	187	45	19.1	175	51	16.7	165	56	14.8
1	Full	202	44	18.7	189	50	16.4	179	55	14.6
1/0	1/2	213	45	19.7	199	52	17.2	187	56	15.1
1/0	Full	231	45	19.2	216	51	16.8	203	56	14.9
2/0	1/2	243	46	20.4	227	52	17.6	213	57	15.5
2/0	Full	263	46	19.9	246	52	17.3	231	57	15.2
3/0	1/2	278	47	20.9	258	53	18.1	242	58	15.9
3/0	Full	301	46	20.6	280	53	17.9	262	57	15.7
4/0	1/2	317	48	21.7	294	54	18.7	275	59	16.3
4/0	Full	343	47	21.3	318	54	18.3	298	58	16.0

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5 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	122	37	15.7	116	41	14.3	112	44	13.2
4	Full	131	37	15.2	126	41	14.0	121	44	12.9
3	1/2	139	37	16.2	132	41	14.7	127	45	13.5
3	Full	150	37	15.7	143	41	14.3	137	44	13.2
2	1/2	158	38	16.6	151	42	15.1	144	45	13.9
2	Full	171	37	16.2	163	41	14.8	156	45	13.5
1	1/2	180	38	17.2	172	42	15.6	164	46	14.2
1	Full	195	38	16.8	186	42	15.2	178	45	14.0
1/0	1/2	206	38	17.7	196	43	16.0	187	46	14.7
1/0	Full	223	38	17.4	212	42	15.7	203	46	14.3
2/0	1/2	235	39	18.4	223	43	16.6	213	47	15.0
2/0	Full	254	39	18.0	242	43	16.3	231	47	14.8
3/0	1/2	269	39	19.0	254	44	17.1	242	48	15.5
3/0	Full	291	39	18.7	276	44	16.7	263	47	15.2
4/0	1/2	307	40	19.8	290	45	17.6	276	48	15.9
4/0	Full	333	40	19.3	315	44	17.4	300	48	15.7

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5 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	117	40	14.6	110	45	12.9	105	49	11.6
4	Full	127	40	14.2	119	45	12.6	113	49	11.4
3	1/2	134	41	15.0	125	46	13.2	119	50	11.8
3	Full	144	40	14.6	136	45	13.0	128	49	11.6
2	1/2	152	41	15.4	143	46	13.5	134	50	12.1
2	Full	164	41	15.0	154	46	13.3	146	50	11.8
1	1/2	173	42	15.9	162	47	13.9	153	51	12.4
1	Full	188	41	15.6	176	46	13.6	166	50	12.2
1/0	1/2	198	42	16.4	185	47	14.2	174	51	12.6
1/0	Full	214	42	16.0	200	47	14.0	188	51	12.4
2/0	1/2	226	43	16.9	210	48	14.7	197	52	13.0
2/0	Full	244	42	16.6	228	47	14.4	214	51	12.7
3/0	1/2	257	43	17.4	239	49	15.1	224	53	13.3
3/0	Full	279	43	17.2	259	48	14.9	243	52	13.1
4/0	1/2	293	44	18.0	272	49	15.5	255	53	13.5
4/0	Full	318	43	17.7	295	49	15.2	277	53	13.4

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5 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	117	36	14.1	111	39	13.0	107	42	11.9
4	Full	126	35	13.8	120	39	12.6	116	42	11.6
3	1/2	133	36	14.6	127	40	13.3	122	43	12.2
3	Full	143	36	14.2	137	39	13.0	131	42	11.9
2	1/2	151	36	15.0	144	40	13.6	138	43	12.5
2	Full	163	36	14.6	156	40	13.3	149	43	12.3
1	1/2	173	37	15.5	165	41	14.1	157	44	12.9
1	Full	187	36	15.1	178	40	13.8	170	43	12.6
1/0	1/2	197	37	16.0	187	41	14.4	179	44	13.2
1/0	Full	213	37	15.7	203	41	14.2	194	44	13.0
2/0	1/2	225	38	16.6	214	42	14.9	204	45	13.5
2/0	Full	244	37	16.3	231	41	14.7	221	44	13.3
3/0	1/2	257	38	17.2	244	42	15.4	232	45	14.0
3/0	Full	278	38	16.8	264	42	15.1	252	45	13.8
4/0	1/2	294	38	17.7	278	43	15.9	264	46	14.4
4/0	Full	318	38	17.5	301	42	15.7	287	46	14.2

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5 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 - Copper Conductor - Concentric Strand										
4	1/2	112	39	13.2	106	43	11.6	100	47	10.5
4	Full	121	38	12.9	114	43	11.4	108	46	10.2
3	1/2	128	39	13.5	120	44	11.9	114	47	10.7
3	Full	138	39	13.2	130	43	11.7	123	47	10.5
2	1/2	146	39	13.9	136	44	12.2	129	48	10.9
2	Full	157	39	13.5	148	44	11.9	140	47	10.7
1	1/2	166	40	14.3	155	45	12.5	146	48	11.1
1	Full	180	40	14.0	168	44	12.3	159	48	10.9
1/0	1/2	189	40	14.8	177	45	12.9	166	49	11.4
1/0	Full	205	40	14.4	191	45	12.6	180	48	11.3
2/0	1/2	216	41	15.2	201	46	13.2	189	49	11.7
2/0	Full	234	41	14.9	218	45	13.0	205	49	11.5
3/0	1/2	246	41	15.7	229	46	13.6	215	50	11.9
3/0	Full	266	41	15.5	248	46	13.4	233	50	11.8
4/0	1/2	281	42	16.3	261	47	14.0	244	50	12.3
4/0	Full	304	42	15.9	283	46	13.8	265	50	12.1

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5 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	105	33	11.1	100	36	10.1	97	39	9.4
4	Full	113	33	10.8	109	36	9.9	104	38	9.2
3	1/2	120	34	11.5	114	37	10.5	110	39	9.6
3	Full	129	33	11.1	123	36	10.2	119	39	9.4
2	1/2	136	34	11.8	130	37	10.7	125	39	9.9
2	Full	147	34	11.5	141	37	10.5	135	39	9.7
1	1/2	156	34	12.2	148	37	11.0	142	40	10.1
1	Full	168	34	11.9	160	37	10.8	154	39	9.9
1/0	1/2	178	35	12.6	169	38	11.4	161	40	10.4
1/0	Full	192	34	12.3	183	37	11.1	175	40	10.2
2/0	1/2	203	35	13.0	193	38	11.7	184	41	10.7
2/0	Full	219	35	12.7	209	38	11.5	199	40	10.5
3/0	1/2	232	35	13.4	219	38	12.1	209	41	11.0
3/0	Full	251	35	13.2	238	38	11.9	227	41	10.8
4/0	1/2	265	36	14.0	250	39	12.5	238	41	11.3
4/0	Full	287	35	13.8	271	39	12.3	258	41	11.1

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5 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	101	36	10.4	95	39	9.2	90	42	8.2
4	Full	109	36	10.1	103	39	9.0	98	42	8.1
3	1/2	115	36	10.6	108	40	9.4	102	42	8.4
3	Full	125	36	10.4	117	39	9.2	111	42	8.2
2	1/2	131	36	10.9	123	40	9.7	116	43	8.5
2	Full	142	36	10.7	133	40	9.4	126	43	8.4
1	1/2	150	37	11.3	140	40	9.9	132	43	8.8
1	Full	162	36	11.0	152	40	9.7	143	43	8.6
1/0	1/2	170	37	11.6	159	41	10.1	150	44	9.0
1/0	Full	185	37	11.4	173	41	10.0	163	43	8.9
2/0	1/2	194	37	11.9	181	41	10.4	171	44	9.2
2/0	Full	211	37	11.7	197	41	10.2	185	44	9.1
3/0	1/2	222	38	12.4	206	42	10.7	194	45	9.4
3/0	Full	240	38	12.2	224	41	10.6	210	44	9.3
4/0	1/2	253	38	12.7	235	42	11.0	220	45	9.7
4/0	Full	274	38	12.5	255	42	10.8	239	45	9.6

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5 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	84	30	6.7	81	32	6.3	77	33	5.7
4	Full	91	30	6.6	87	32	6.0	84	33	5.6
3	1/2	96	30	6.9	91	32	6.4	88	34	5.8
3	Full	103	30	6.8	99	32	6.3	95	33	5.7
2	1/2	109	30	7.2	104	32	6.5	100	34	6.0
2	Full	118	30	7.1	113	32	6.4	108	34	5.9
1	1/2	124	31	7.4	119	33	6.7	114	34	6.1
1	Full	135	31	7.3	128	32	6.6	123	34	6.0
1/0	1/2	142	31	7.6	135	33	6.9	129	34	6.4
1/0	Full	154	31	7.5	146	33	6.8	140	34	6.3
2/0	1/2	162	31	7.8	154	33	7.2	147	35	6.5
2/0	Full	175	31	7.7	167	33	7.1	160	34	6.4
3/0	1/2	185	31	8.2	175	33	7.4	167	35	6.7
3/0	Full	200	31	8.1	190	33	7.3	181	35	6.6
4/0	1/2	211	31	8.4	200	33	7.6	191	35	6.8
4/0	Full	229	31	8.3	217	33	7.5	207	35	6.8

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5 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 - Copper Conductor - Concentric Strand										
4	1/2	81	32	6.3	76	34	5.6	72	35	5.0
4	Full	88	31	6.1	83	34	5.5	78	35	4.9
3	1/2	92	32	6.5	87	34	5.7	82	36	5.1
3	Full	100	32	6.4	94	34	5.6	89	36	5.0
2	1/2	105	32	6.6	99	34	5.8	93	36	5.2
2	Full	114	32	6.5	107	34	5.8	101	36	5.1
1	1/2	120	32	6.8	112	34	6.0	106	36	5.3
1	Full	130	32	6.7	122	34	5.9	115	36	5.2
1/0	1/2	136	32	7.1	128	35	6.1	120	36	5.5
1/0	Full	148	32	6.9	138	35	6.0	131	36	5.5
2/0	1/2	155	33	7.3	145	35	6.4	137	37	5.6
2/0	Full	168	32	7.2	157	35	6.3	148	37	5.6
3/0	1/2	177	33	7.5	165	35	6.5	155	37	5.8
3/0	Full	192	33	7.4	179	35	6.4	168	37	5.7
4/0	1/2	202	33	7.7	188	35	6.7	176	37	5.9
4/0	Full	219	33	7.6	204	35	6.6	191	37	5.8

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5 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	126	44	23.1	119	49	20.6	113	54	18.4
4	Full	136	43	22.5	128	49	20.1	122	53	18.1
3	1/2	143	44	23.7	135	50	21.0	128	54	18.8
3	Full	155	44	23.2	146	49	20.6	138	54	18.5
2	1/2	163	45	24.4	153	51	21.5	145	55	19.3
2	Full	176	44	23.8	166	50	21.1	157	54	19.0
1	1/2	186	45	25.1	174	51	22.1	165	56	19.8
1	Full	201	45	24.6	189	51	21.7	179	55	19.5
1/0	1/2	212	46	25.9	198	52	22.7	187	56	20.2
1/0	Full	229	46	25.4	215	52	22.3	203	56	19.9
2/0	1/2	242	47	26.8	226	53	23.3	212	57	20.7
2/0	Full	262	46	26.2	245	52	22.9	231	57	20.4
3/0	1/2	276	47	27.7	257	54	24.0	241	58	21.2
3/0	Full	299	47	27.2	278	53	23.6	262	58	20.9
4/0	1/2	315	48	28.6	292	54	24.6	274	59	21.7
4/0	Full	341	48	28.1	317	54	24.3	298	58	21.5

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5 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	120	49	20.9	111	55	17.8	103	60	15.5
4	Full	129	48	20.5	120	55	17.4	112	59	15.2
3	1/2	136	49	21.4	125	56	18.1	117	61	15.8
3	Full	147	49	20.9	136	55	17.8	127	60	15.5
2	1/2	155	50	21.9	142	56	18.5	132	61	16.0
2	Full	167	49	21.5	154	56	18.2	143	61	15.8
1	1/2	176	50	22.6	161	57	19.0	150	62	16.4
1	Full	191	50	22.1	175	57	18.6	163	61	16.1
1/0	1/2	200	51	23.2	183	58	19.5	170	63	16.7
1/0	Full	217	51	22.7	199	57	19.2	185	62	16.5
2/0	1/2	228	52	23.8	208	59	19.9	193	63	17.0
2/0	Full	247	51	23.4	226	58	19.6	209	63	16.8
3/0	1/2	260	53	24.5	236	59	20.4	218	64	17.3
3/0	Full	281	52	24.1	257	59	20.1	237	64	17.1
4/0	1/2	296	53	25.2	269	60	20.8	248	65	17.7
4/0	Full	321	53	24.8	292	60	20.6	269	65	17.5

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5 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	117	41	19.3	110	45	17.1	104	49	15.4
4	Full	126	40	18.7	119	45	16.7	113	49	15.1
3	1/2	133	41	19.8	125	46	17.5	118	50	15.7
3	Full	143	41	19.3	135	45	17.1	128	49	15.4
2	1/2	151	42	20.3	142	46	17.9	134	50	16.1
2	Full	163	41	19.9	154	46	17.6	146	50	15.8
1	1/2	172	42	21.0	162	47	18.4	153	51	16.5
1	Full	186	42	20.6	175	47	18.1	166	50	16.2
1/0	1/2	196	43	21.6	184	48	19.0	173	51	16.8
1/0	Full	213	42	21.2	199	47	18.5	188	51	16.6
2/0	1/2	224	43	22.3	209	48	19.5	197	52	17.2
2/0	Full	243	43	21.9	227	48	19.2	214	52	17.0
3/0	1/2	255	44	23.0	238	49	20.0	224	53	17.6
3/0	Full	277	43	22.6	258	48	19.7	243	52	17.4
4/0	1/2	291	44	23.7	271	49	20.6	255	53	18.1
4/0	Full	316	44	23.3	294	49	20.3	276	53	17.9

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5 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	111	45	17.4	103	50	14.9	96	54	13.0
4	Full	120	44	17.0	111	50	14.6	104	54	12.8
3	1/2	126	45	17.8	116	51	15.2	108	55	13.2
3	Full	136	45	17.4	126	50	14.9	118	54	13.0
2	1/2	143	46	18.2	132	51	15.5	123	55	13.4
2	Full	155	45	17.9	143	51	15.2	133	55	13.2
1	1/2	163	46	18.8	150	52	15.8	139	56	13.7
1	Full	177	46	18.4	163	51	15.6	151	56	13.5
1/0	1/2	186	47	19.4	170	52	16.2	158	57	14.0
1/0	Full	201	46	19.0	185	52	16.0	171	56	13.8
2/0	1/2	211	47	19.9	193	53	16.6	179	57	14.2
2/0	Full	229	47	19.6	210	53	16.3	194	57	14.1
3/0	1/2	241	48	20.4	219	54	16.9	203	58	14.5
3/0	Full	261	48	20.1	238	53	16.7	221	57	14.4
4/0	1/2	274	49	21.0	249	54	17.4	230	58	14.8
4/0	Full	297	48	20.7	271	54	17.1	250	58	14.6

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5 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	112	39	17.3	105	43	15.4	100	47	13.9
4	Full	121	39	16.9	114	43	15.1	108	46	13.7
3	1/2	127	40	17.8	120	44	15.8	113	47	14.2
3	Full	137	39	17.4	129	43	15.5	123	47	14.0
2	1/2	145	40	18.3	136	44	16.2	129	48	14.5
2	Full	156	40	17.9	147	44	15.9	139	47	14.3
1	1/2	165	40	19.0	155	45	16.6	146	48	14.9
1	Full	178	40	18.5	168	44	16.3	159	48	14.6
1/0	1/2	188	41	19.5	176	45	17.1	166	49	15.2
1/0	Full	203	41	19.1	191	45	16.8	180	48	15.0
2/0	1/2	214	41	20.1	200	46	17.5	189	49	15.6
2/0	Full	232	41	19.7	217	46	17.2	205	49	15.4
3/0	1/2	244	42	20.7	228	46	18.0	214	50	15.9
3/0	Full	265	42	20.4	247	46	17.7	233	50	15.7
4/0	1/2	279	42	21.4	259	47	18.5	244	51	16.3
4/0	Full	302	42	21.1	281	47	18.2	265	50	16.1

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5 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	106	43	15.7	98	48	13.5	92	51	11.7
4	Full	115	42	15.4	106	47	13.2	99	51	11.6
3	1/2	121	43	16.1	111	48	13.7	104	52	12.0
3	Full	131	43	15.7	121	48	13.5	113	51	11.8
2	1/2	137	44	16.5	126	49	14.0	118	52	12.2
2	Full	149	43	16.1	137	48	13.8	128	52	12.0
1	1/2	156	44	16.9	144	49	14.3	133	53	12.4
1	Full	169	44	16.6	156	49	14.1	145	53	12.2
1/0	1/2	178	45	17.4	163	50	14.6	151	53	12.6
1/0	Full	193	44	17.1	177	49	14.4	164	53	12.5
2/0	1/2	202	45	17.9	185	50	15.0	172	54	12.9
2/0	Full	219	45	17.6	201	50	14.8	186	54	12.7
3/0	1/2	230	46	18.4	210	51	15.3	194	55	13.1
3/0	Full	250	45	18.1	228	51	15.1	211	54	13.0
4/0	1/2	262	46	19.0	239	52	15.7	220	55	13.4
4/0	Full	284	46	18.6	259	51	15.5	239	55	13.3

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5 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	101	36	13.7	95	40	12.2	90	42	10.9
4	Full	109	36	13.4	103	39	12.0	98	42	10.7
3	1/2	115	36	14.0	108	40	12.5	102	42	11.1
3	Full	124	36	13.7	117	40	12.2	111	42	11.0
2	1/2	130	37	14.4	123	40	12.8	116	43	11.5
2	Full	141	36	14.1	133	40	12.5	126	43	11.2
1	1/2	149	37	14.9	140	41	13.1	132	43	11.8
1	Full	161	37	14.6	151	40	12.9	143	43	11.6
1/0	1/2	169	37	15.3	159	41	13.5	150	44	12.0
1/0	Full	183	37	15.0	172	41	13.2	163	43	11.9
2/0	1/2	193	38	15.8	181	41	13.8	170	44	12.3
2/0	Full	209	38	15.5	196	41	13.6	185	44	12.2
3/0	1/2	220	38	16.3	205	42	14.2	194	45	12.6
3/0	Full	239	38	16.0	223	42	14.0	210	44	12.4
4/0	1/2	251	39	16.8	234	42	14.6	220	45	12.9
4/0	Full	272	38	16.5	254	42	14.4	239	45	12.8

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5 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	96	39	12.4	89	43	10.6	83	46	9.2
4	Full	104	39	12.2	96	43	10.4	90	46	9.1
3	1/2	109	39	12.7	101	43	10.8	94	46	9.4
3	Full	118	39	12.5	109	43	10.6	102	46	9.2
2	1/2	124	40	13.0	114	44	11.0	106	47	9.6
2	Full	134	39	12.8	124	43	10.8	115	46	9.4
1	1/2	141	40	13.4	130	44	11.2	120	47	9.7
1	Full	153	40	13.1	141	44	11.1	131	47	9.6
1/0	1/2	160	41	13.7	147	45	11.6	137	47	9.9
1/0	Full	174	40	13.5	160	44	11.4	148	47	9.8
2/0	1/2	182	41	14.1	167	45	11.9	155	48	10.1
2/0	Full	198	41	13.9	181	45	11.7	168	48	10.0
3/0	1/2	208	41	14.5	190	45	12.1	176	48	10.3
3/0	Full	225	41	14.3	206	45	12.0	191	48	10.2
4/0	1/2	236	42	14.9	216	46	12.4	199	49	10.5
4/0	Full	257	42	14.7	234	46	12.3	216	49	10.4

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5 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	81	32	8.3	76	34	7.4	72	35	6.7
4	Full	87	32	8.1	82	34	7.3	78	35	6.6
3	1/2	92	32	8.5	86	34	7.6	82	36	6.8
3	Full	99	32	8.3	94	34	7.4	89	36	6.7
2	1/2	104	32	8.7	98	34	7.8	93	36	7.0
2	Full	113	32	8.6	106	34	7.6	101	36	6.9
1	1/2	119	32	9.0	112	35	8.0	106	36	7.2
1	Full	129	32	8.8	121	34	7.8	115	36	7.1
1/0	1/2	135	33	9.3	127	35	8.2	120	36	7.3
1/0	Full	147	32	9.1	138	35	8.0	130	36	7.2
2/0	1/2	154	33	9.6	145	35	8.4	136	37	7.5
2/0	Full	167	33	9.4	157	35	8.3	148	37	7.4
3/0	1/2	176	33	9.8	164	35	8.6	155	37	7.7
3/0	Full	191	33	9.7	178	35	8.5	168	37	7.6
4/0	1/2	201	33	10.2	187	36	8.9	176	37	7.9
4/0	Full	218	33	10.0	203	35	8.7	191	37	7.8

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5 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	77	34	7.6	71	36	6.5	66	38	5.7
4	Full	83	33	7.4	77	36	6.4	72	38	5.6
3	1/2	87	34	7.7	81	36	6.6	75	38	5.8
3	Full	94	34	7.6	87	36	6.5	82	38	5.7
2	1/2	99	34	7.9	92	36	6.8	85	38	5.9
2	Full	107	34	7.8	99	36	6.6	93	38	5.8
1	1/2	113	34	8.1	104	37	6.9	97	39	6.0
1	Full	122	34	8.0	113	37	6.8	105	38	5.9
1/0	1/2	128	34	8.3	118	37	7.0	110	39	6.1
1/0	Full	139	34	8.2	128	37	7.0	119	39	6.0
2/0	1/2	146	35	8.6	134	37	7.2	124	39	6.2
2/0	Full	158	35	8.4	145	37	7.1	135	39	6.2
3/0	1/2	166	35	8.8	152	38	7.4	141	39	6.4
3/0	Full	180	35	8.7	165	37	7.3	153	39	6.3
4/0	1/2	189	35	9.0	173	38	7.5	160	40	6.5
4/0	Full	205	35	8.9	187	38	7.5	174	40	6.4

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5 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	112	116	83	95
4	Full	121	125	89	102
3	1/2	127	132	94	108
3	Full	138	142	102	117
2	1/2	145	150	107	123
2	Full	157	163	116	133
1	1/2	166	172	123	141
1	Full	179	186	133	152
1/0	1/2	189	197	140	161
1/0	Full	205	213	152	174
2/0	1/2	216	225	160	184
2/0	Full	234	243	173	199
3/0	1/2	247	257	183	210
3/0	Full	268	279	198	228
4/0	1/2	282	294	209	241
4/0	Full	306	319	227	261

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5 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	94	98	54	71
4	Full	102	106	58	76
3	1/2	107	112	61	80
3	Full	116	121	66	87
2	1/2	122	127	69	92
2	Full	132	138	75	99
1	1/2	140	146	79	105
1	Full	151	158	86	113
1/0	1/2	159	166	91	120
1/0	Full	173	180	98	130
2/0	1/2	182	190	104	137
2/0	Full	197	206	112	148
3/0	1/2	208	218	118	157
3/0	Full	226	236	128	170
4/0	1/2	238	249	135	179
4/0	Full	258	270	147	194

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5 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	148	180	117	158
4	Full	158	191	125	168
3	1/2	170	207	134	181
3	Full	182	219	143	192
2	1/2	196	238	154	208
2	Full	209	252	165	221
1	1/2	226	274	178	239
1	Full	242	291	190	254
1/0	1/2	260	315	205	274
1/0	Full	279	335	219	291
2/0	1/2	301	362	236	314
2/0	Full	322	386	253	335
3/0	1/2	347	417	272	361
3/0	Full	372	444	291	385
4/0	1/2	402	481	314	415
4/0	Full	431	513	336	442

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5 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	123	154	80	126
4	Full	132	163	86	133
3	1/2	142	176	92	144
3	Full	152	187	99	153
2	1/2	163	202	106	164
2	Full	175	215	113	175
1	1/2	188	233	121	188
1	Full	202	248	130	200
1/0	1/2	217	268	139	216
1/0	Full	232	285	149	230
2/0	1/2	250	308	160	247
2/0	Full	269	328	172	263
3/0	1/2	289	355	184	283
3/0	Full	310	378	197	302
4/0	1/2	334	409	211	324
4/0	Full	359	437	227	346

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5 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	114	119	91	104
4	Full	123	129	98	112
3	1/2	130	137	104	119
3	Full	140	147	112	128
2	1/2	149	156	119	136
2	Full	161	169	129	147
1	1/2	170	180	137	156
1	Full	184	194	148	169
1/0	1/2	195	206	156	179
1/0	Full	211	222	169	194
2/0	1/2	224	237	179	206
2/0	Full	242	256	194	223
3/0	1/2	256	272	206	236
3/0	Full	277	294	223	256
4/0	1/2	294	312	236	272
4/0	Full	318	338	256	294

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5 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	95	99	64	80
4	Full	102	107	70	86
3	1/2	108	114	74	92
3	Full	117	123	80	99
2	1/2	124	130	84	105
2	Full	134	141	91	113
1	1/2	142	150	97	121
1	Full	153	162	105	130
1/0	1/2	162	172	111	138
1/0	Full	175	185	120	150
2/0	1/2	186	197	127	159
2/0	Full	201	213	138	172
3/0	1/2	213	226	146	182
3/0	Full	231	245	158	197
4/0	1/2	244	260	167	210
4/0	Full	265	281	181	227

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5 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	185	62	148.0	165	68	116.4	150	72	96.3
4	Full	195	59	136.6	174	65	109.4	159	69	91.4
3	1/2	212	63	148.1	188	69	115.6	170	72	95.2
3	Full	223	60	136.6	199	66	108.8	182	70	90.5
2	1/2	243	64	147.4	214	70	114.8	194	73	94.2
2	Full	256	61	136.8	228	67	107.8	207	71	89.7
1	1/2	279	65	146.2	245	71	112.9	222	74	92.4
1	Full	294	62	136.2	261	68	106.7	237	72	88.1
1/0	1/2	320	66	145.0	280	72	111.0	252	75	90.6
1/0	Full	337	64	135.0	298	69	105.6	270	73	86.5
2/0	1/2	366	67	143.1	320	73	109.1	288	76	88.5
2/0	Full	387	65	133.6	341	70	103.5	308	74	84.6
3/0	1/2	419	68	140.6	365	74	106.5	328	77	86.1
3/0	Full	444	66	132.1	390	71	101.6	352	75	82.9
4/0	1/2	480	70	137.8	417	75	103.7	374	78	83.4
4/0	Full	510	67	129.7	446	72	99.1	401	76	80.8

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5 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	174	65	130.6	152	71	99.6	137	75	80.5
4	Full	184	62	121.3	162	68	94.1	146	72	77.3
3	1/2	199	66	129.8	173	72	98.4	156	75	79.5
3	Full	210	63	120.9	185	69	93.7	167	73	76.4
2	1/2	227	67	128.8	197	73	97.2	177	76	78.2
2	Full	240	64	120.3	210	70	92.2	189	74	75.2
1	1/2	260	68	127.2	225	74	95.3	201	77	76.2
1	Full	275	66	119.1	240	72	91.0	216	75	73.3
1/0	1/2	297	70	125.1	256	75	93.3	229	78	74.3
1/0	Full	315	67	117.8	274	73	89.3	246	76	71.6
2/0	1/2	339	71	122.9	292	76	91.1	260	79	72.2
2/0	Full	361	68	116.0	313	74	87.2	280	77	69.6
3/0	1/2	387	72	120.3	332	76	88.6	296	79	69.9
3/0	Full	412	69	113.8	356	74	84.9	318	78	67.9
4/0	1/2	443	73	117.1	379	77	85.7	336	80	67.4
4/0	Full	472	70	111.4	406	75	82.7	362	78	65.4

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5 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	173	56	125.1	154	61	98.5	140	64	81.6
4	Full	182	54	115.4	163	59	92.5	149	62	77.3
3	1/2	198	57	125.1	176	62	97.8	159	65	80.6
3	Full	209	55	115.6	186	60	92.1	170	63	76.4
2	1/2	227	58	124.8	200	63	96.7	181	66	79.7
2	Full	239	56	115.8	213	61	91.2	194	64	75.7
1	1/2	261	59	123.8	229	64	95.7	207	67	78.1
1	Full	275	57	115.3	244	62	90.5	221	65	74.8
1/0	1/2	299	60	122.3	262	65	94.2	236	67	76.6
1/0	Full	315	58	114.2	279	63	89.3	252	66	73.4
2/0	1/2	342	61	120.7	299	65	92.4	269	68	74.8
2/0	Full	362	59	113.4	319	63	87.7	288	66	71.8
3/0	1/2	392	62	119.1	341	66	90.2	307	69	72.7
3/0	Full	415	60	111.7	364	64	86.1	329	67	69.9
4/0	1/2	449	63	116.7	390	67	88.0	350	70	70.8
4/0	Full	476	61	109.8	416	65	84.2	375	68	68.1

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5 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	163	59	110.5	142	64	84.3	128	67	68.6
4	Full	172	57	102.8	151	62	80.0	137	65	65.3
3	1/2	186	60	109.9	162	65	83.2	146	68	67.5
3	Full	196	57	102.6	172	63	79.0	156	66	64.4
2	1/2	212	61	108.8	185	65	82.2	165	68	66.2
2	Full	225	58	101.8	197	63	78.2	177	67	63.7
1	1/2	243	62	107.6	210	66	80.5	188	69	64.3
1	Full	257	60	101.0	225	64	76.7	202	67	61.9
1/0	1/2	278	63	106.0	240	67	78.8	214	70	63.0
1/0	Full	295	60	99.7	256	65	75.2	230	68	60.7
2/0	1/2	317	64	104.0	273	68	76.9	243	70	61.0
2/0	Full	337	61	98.0	292	66	73.9	261	69	58.9
3/0	1/2	362	64	101.6	311	69	74.8	276	71	59.3
3/0	Full	385	62	96.3	333	67	71.9	297	70	57.3
4/0	1/2	414	65	99.1	354	69	72.3	314	72	57.0
4/0	Full	441	63	94.2	380	68	69.7	338	70	55.5

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5 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	167	53	113.7	148	58	89.8	134	61	74.0
4	Full	175	51	105.0	156	56	83.8	143	59	70.2
3	1/2	191	54	113.5	169	59	89.0	153	62	73.3
3	Full	200	52	105.2	179	57	83.7	163	60	69.6
2	1/2	218	55	113.3	193	59	88.2	174	62	72.2
2	Full	230	53	105.3	204	57	83.2	186	60	68.7
1	1/2	251	56	112.4	220	60	86.7	199	63	71.0
1	Full	264	54	104.8	234	58	82.4	213	61	67.6
1/0	1/2	287	57	111.5	252	61	85.6	227	64	69.3
1/0	Full	303	55	103.8	268	59	81.1	243	62	66.6
2/0	1/2	329	58	110.0	287	62	83.8	259	64	67.9
2/0	Full	348	56	103.1	306	60	79.9	277	63	65.3
3/0	1/2	377	58	108.1	328	62	82.1	295	65	66.2
3/0	Full	399	56	101.6	350	61	78.0	316	63	63.8
4/0	1/2	432	59	106.0	375	63	80.0	336	65	64.3
4/0	Full	458	57	99.9	400	61	76.5	361	64	62.0

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5 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	156	56	100.1	137	60	76.7	123	63	62.0
4	Full	165	54	93.0	145	58	72.4	132	61	59.3
3	1/2	179	57	99.9	156	61	75.9	140	64	61.2
3	Full	189	55	93.1	166	59	71.7	150	62	58.6
2	1/2	204	57	98.8	177	62	74.7	159	64	60.2
2	Full	216	55	92.7	189	60	71.2	170	63	57.6
1	1/2	234	58	97.6	202	63	73.3	181	65	58.6
1	Full	247	56	91.9	216	61	70.0	194	64	56.2
1/0	1/2	267	59	96.1	230	63	71.6	206	66	57.1
1/0	Full	283	57	90.6	246	62	68.4	221	64	55.3
2/0	1/2	305	60	94.5	262	64	70.0	234	66	55.4
2/0	Full	324	58	89.4	281	62	67.0	251	65	53.7
3/0	1/2	348	61	92.2	299	65	67.9	266	67	53.6
3/0	Full	370	59	87.4	320	63	65.4	286	65	52.0
4/0	1/2	398	62	89.9	340	65	65.8	302	67	52.1
4/0	Full	424	60	85.7	365	64	63.5	325	66	50.5

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5 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	152	48	90.9	134	51	71.8	122	54	59.3
4	Full	159	46	83.8	142	50	66.9	130	52	56.0
3	1/2	173	48	91.0	154	52	71.2	139	54	58.6
3	Full	182	46	84.2	163	50	67.0	148	53	55.5
2	1/2	199	49	90.7	175	53	70.7	159	55	57.6
2	Full	209	47	84.2	186	51	66.7	169	53	55.1
1	1/2	228	50	90.0	200	53	69.5	181	55	56.7
1	Full	240	48	83.8	213	52	65.7	193	54	54.3
1/0	1/2	261	50	89.3	229	54	68.4	206	56	55.7
1/0	Full	276	49	83.4	244	52	64.8	221	55	53.5
2/0	1/2	299	51	88.1	261	54	67.0	235	56	54.6
2/0	Full	317	49	82.5	279	53	63.6	252	55	52.0
3/0	1/2	343	52	86.6	298	55	65.4	268	57	52.8
3/0	Full	363	50	81.3	318	54	62.6	287	56	50.8
4/0	1/2	393	52	85.0	341	56	63.9	306	57	51.3
4/0	Full	416	51	80.0	364	54	61.2	328	56	49.8

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5 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	142	50	80.0	124	53	61.5	112	56	49.5
4	Full	150	48	74.5	132	52	58.2	120	54	47.3
3	1/2	163	50	80.1	142	54	60.7	127	56	49.2
3	Full	172	49	74.3	151	52	57.6	136	55	47.1
2	1/2	186	51	79.2	161	54	59.7	145	57	48.1
2	Full	196	49	74.2	172	53	56.6	155	55	46.1
1	1/2	213	52	78.1	184	55	58.6	165	57	46.7
1	Full	225	50	73.3	196	54	55.7	176	56	45.2
1/0	1/2	243	52	77.0	210	56	57.5	187	58	45.8
1/0	Full	258	51	72.5	224	54	54.8	201	56	44.0
2/0	1/2	277	53	75.6	239	56	55.9	213	58	44.3
2/0	Full	295	52	71.3	255	55	53.7	229	57	43.0
3/0	1/2	317	54	74.0	272	57	54.5	242	58	43.1
3/0	Full	337	52	69.9	291	55	52.4	260	57	41.9
4/0	1/2	362	54	72.0	309	57	52.8	275	59	41.7
4/0	Full	385	53	68.5	332	56	50.9	296	58	40.2

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5 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	123	39	57.1	109	41	44.6	99	43	37.0
4	Full	129	38	52.2	116	40	41.9	106	42	34.8
3	1/2	141	40	57.0	125	42	44.5	113	43	36.6
3	Full	148	38	52.3	132	41	41.9	120	42	35.1
2	1/2	161	40	56.6	142	42	44.1	129	44	36.1
2	Full	170	39	52.6	151	41	41.6	137	43	34.6
1	1/2	185	40	56.2	163	43	43.3	147	44	35.2
1	Full	195	39	52.4	173	42	41.0	157	43	33.8
1/0	1/2	212	41	55.7	186	43	42.6	168	44	34.9
1/0	Full	224	40	52.1	198	42	40.3	179	44	33.1
2/0	1/2	243	41	55.0	212	43	42.1	191	45	33.9
2/0	Full	257	40	51.6	226	42	40.0	204	44	32.7
3/0	1/2	278	42	54.0	242	44	41.0	218	45	32.9
3/0	Full	295	41	50.8	258	43	39.0	233	44	31.7
4/0	1/2	319	42	52.8	277	44	39.8	248	45	32.1
4/0	Full	338	41	49.8	296	43	38.3	266	45	31.0

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5 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	116	40	50.1	101	43	38.1	91	44	31.0
4	Full	122	39	46.8	107	42	36.5	97	43	29.9
3	1/2	132	41	49.7	115	43	37.7	103	44	30.3
3	Full	139	40	46.6	122	42	36.1	110	44	29.3
2	1/2	151	41	49.6	131	43	37.6	117	45	30.1
2	Full	159	40	46.1	140	43	35.6	126	44	28.6
1	1/2	172	42	49.1	149	44	36.7	134	45	29.5
1	Full	183	41	45.7	159	43	34.8	143	44	28.1
1/0	1/2	197	42	48.0	170	44	35.8	152	45	28.5
1/0	Full	209	41	45.3	182	43	34.4	163	45	27.6
2/0	1/2	225	43	47.3	194	45	34.8	173	46	27.9
2/0	Full	239	42	44.7	207	44	33.5	185	45	26.6
3/0	1/2	257	43	46.3	221	45	34.1	196	46	26.8
3/0	Full	273	42	43.9	236	44	32.5	211	45	26.0
4/0	1/2	294	43	45.2	251	45	32.9	223	46	26.0
4/0	Full	313	42	42.9	269	44	31.8	240	46	25.3

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5 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	153	71	142.0	132	76	106.6	118	78	85.4
4	Full	162	68	134.3	141	74	102.0	127	77	82.3
3	1/2	174	72	140.6	150	76	105.1	134	79	84.0
3	Full	185	69	133.6	161	74	100.7	145	77	81.0
2	1/2	199	73	139.0	171	77	103.2	153	80	82.2
2	Full	212	70	132.2	183	75	99.3	164	78	79.8
1	1/2	227	74	136.8	195	78	100.7	174	80	80.2
1	Full	242	71	130.4	209	76	97.3	187	79	77.8
1/0	1/2	259	74	134.3	222	79	98.4	197	81	78.2
1/0	Full	276	72	128.2	238	77	95.2	213	80	75.9
2/0	1/2	295	75	131.3	252	79	96.0	224	82	76.0
2/0	Full	316	73	125.8	271	78	93.0	242	80	73.8
3/0	1/2	336	76	128.2	287	80	93.4	255	82	73.6
3/0	Full	360	74	123.0	309	78	90.5	275	81	71.8
4/0	1/2	384	77	124.5	327	81	90.4	290	83	71.2
4/0	Full	412	75	119.9	352	79	88.0	313	81	69.6

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5 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	141	74	120.1	120	78	87.4	106	81	68.9
4	Full	150	71	114.7	129	76	84.3	115	79	67.0
3	1/2	160	75	118.4	136	79	85.9	120	81	67.3
3	Full	171	72	113.2	146	77	82.9	130	80	65.5
2	1/2	182	75	116.6	154	80	84.0	136	82	65.6
2	Full	194	73	111.7	166	78	81.5	147	80	64.2
1	1/2	207	76	113.8	175	80	81.5	155	82	63.7
1	Full	222	74	109.5	189	79	79.2	167	81	62.3
1/0	1/2	235	77	111.2	199	81	79.5	175	83	61.8
1/0	Full	252	75	107.0	214	79	77.2	190	82	60.6
2/0	1/2	268	78	108.2	226	81	76.9	199	83	59.6
2/0	Full	288	76	104.5	244	80	75.1	215	82	58.3
3/0	1/2	305	79	104.9	256	82	74.4	225	84	57.5
3/0	Full	327	77	101.4	277	81	72.7	244	83	56.6
4/0	1/2	346	79	101.5	291	83	71.7	256	84	55.2
4/0	Full	373	78	98.3	315	81	70.1	277	83	54.4

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5 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	143	64	120.1	124	68	90.0	111	70	72.3
4	Full	152	62	113.5	132	66	86.2	119	69	69.7
3	1/2	163	65	119.2	141	68	88.8	126	71	71.0
3	Full	173	62	112.9	151	67	85.1	135	69	68.8
2	1/2	186	65	117.7	160	69	87.2	143	71	69.5
2	Full	198	63	111.7	171	67	84.0	154	70	67.4
1	1/2	212	66	115.5	182	70	85.2	162	72	67.7
1	Full	226	64	110.1	195	68	82.2	175	71	66.0
1/0	1/2	242	67	113.4	207	70	83.3	184	72	66.0
1/0	Full	258	65	108.3	223	69	80.4	199	71	64.4
2/0	1/2	276	68	110.9	236	71	81.1	210	73	64.1
2/0	Full	295	66	106.4	254	70	78.7	226	72	62.6
3/0	1/2	314	68	108.3	268	71	79.0	238	73	62.4
3/0	Full	337	67	104.0	289	70	76.7	257	72	60.9
4/0	1/2	359	69	105.3	306	72	76.3	271	74	60.1
4/0	Full	385	67	101.5	329	71	74.4	293	73	58.7

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5 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	131	66	101.6	112	70	73.9	99	72	58.1
4	Full	140	64	97.0	120	68	71.6	107	71	56.6
3	1/2	149	67	100.3	127	71	72.5	112	73	57.0
3	Full	160	65	95.8	137	69	70.3	121	71	55.5
2	1/2	170	68	98.6	144	71	70.9	127	73	55.7
2	Full	182	66	94.3	155	70	68.8	138	72	54.2
1	1/2	193	68	96.3	164	72	69.0	145	74	53.9
1	Full	207	67	92.6	176	70	67.0	156	72	52.5
1/0	1/2	220	69	94.2	186	72	67.3	164	74	52.2
1/0	Full	236	67	90.7	200	71	65.4	177	73	51.3
2/0	1/2	250	70	91.5	211	73	65.0	186	74	50.4
2/0	Full	269	68	88.4	228	72	63.5	201	73	49.5
3/0	1/2	285	70	88.8	240	73	62.9	211	75	48.6
3/0	Full	306	69	85.9	259	72	61.5	228	74	47.7
4/0	1/2	324	71	85.8	272	74	60.6	239	75	46.8
4/0	Full	348	70	83.4	294	73	59.3	259	74	46.0

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5 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	137	60	109.3	119	64	82.0	106	66	65.4
4	Full	146	58	103.5	127	62	78.5	114	65	63.5
3	1/2	156	61	108.4	135	65	80.7	121	67	64.4
3	Full	167	59	102.5	145	63	77.3	130	65	62.5
2	1/2	178	62	107.1	154	65	79.4	137	67	63.1
2	Full	190	60	101.7	165	64	76.2	148	66	61.3
1	1/2	204	62	105.1	175	66	77.5	156	68	61.6
1	Full	217	61	100.0	188	64	74.8	168	66	60.0
1/0	1/2	232	63	103.2	199	66	75.6	177	68	59.9
1/0	Full	248	61	98.7	214	65	73.4	191	67	58.3
2/0	1/2	265	64	100.9	227	67	73.8	202	69	58.3
2/0	Full	284	62	96.6	244	65	71.4	218	67	56.8
3/0	1/2	302	64	98.6	258	67	71.8	229	69	56.6
3/0	Full	324	63	94.5	278	66	69.5	247	68	55.2
4/0	1/2	345	65	95.8	294	68	69.6	261	69	54.7
4/0	Full	370	63	92.3	317	67	67.7	282	68	53.6

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5 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 - Aluminum Conductor - Concentric Strand										
4	1/2	126	63	92.4	108	66	67.3	95	68	52.7
4	Full	135	61	88.1	116	65	65.0	103	67	51.6
3	1/2	144	63	91.0	122	66	65.9	108	68	51.8
3	Full	153	61	87.0	131	65	64.0	117	67	50.3
2	1/2	163	64	89.7	139	67	64.5	123	69	50.3
2	Full	175	62	85.8	149	66	62.7	132	68	49.3
1	1/2	186	64	87.6	157	67	62.6	139	69	48.8
1	Full	199	63	84.2	170	66	61.0	150	68	47.8
1/0	1/2	212	65	85.6	179	68	60.9	158	70	47.4
1/0	Full	227	64	82.4	193	67	59.3	170	69	46.5
2/0	1/2	241	66	83.3	203	68	59.3	179	70	45.9
2/0	Full	258	64	80.2	219	67	57.7	193	69	45.0
3/0	1/2	274	66	80.8	230	69	57.2	203	70	44.3
3/0	Full	294	65	78.2	249	68	55.8	219	69	43.4
4/0	1/2	311	67	78.0	261	69	54.9	230	71	42.5
4/0	Full	335	66	75.8	283	68	53.9	249	70	41.7

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5 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	125	53	87.4	108	56	65.4	97	58	52.3
4	Full	133	52	82.7	116	55	62.7	104	57	50.8
3	1/2	142	54	86.6	123	57	64.4	110	58	51.4
3	Full	151	52	82.2	132	55	62.2	118	57	50.0
2	1/2	162	54	85.4	140	57	63.5	125	59	50.7
2	Full	173	53	81.2	150	56	61.0	134	58	48.9
1	1/2	185	55	84.2	159	58	62.0	142	59	49.2
1	Full	198	54	80.2	171	56	60.0	153	58	47.8
1/0	1/2	211	55	82.7	181	58	60.6	161	59	48.1
1/0	Full	226	54	78.8	195	57	58.6	174	59	46.8
2/0	1/2	241	56	80.8	206	58	58.9	183	60	46.8
2/0	Full	258	55	77.5	222	57	57.1	198	59	45.6
3/0	1/2	275	56	78.7	235	59	57.5	208	60	45.1
3/0	Full	294	55	75.6	253	58	55.8	225	59	44.3
4/0	1/2	314	57	76.6	267	59	55.5	237	60	43.8
4/0	Full	336	56	73.9	288	58	54.1	256	60	42.8

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5 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	115	55	73.9	98	58	53.9	87	59	42.3
4	Full	123	54	70.4	105	57	51.9	94	58	41.2
3	1/2	131	56	72.9	111	58	52.9	98	60	41.4
3	Full	140	54	69.6	119	57	51.1	106	59	40.3
2	1/2	149	56	71.6	126	59	51.8	111	60	40.4
2	Full	159	55	68.8	136	58	50.0	120	59	39.4
1	1/2	169	57	70.1	143	59	50.2	126	60	39.1
1	Full	181	55	67.4	154	58	48.8	137	60	38.4
1/0	1/2	192	57	68.3	163	59	48.7	143	61	37.8
1/0	Full	206	56	65.7	175	58	47.4	155	60	37.2
2/0	1/2	219	58	66.5	185	60	47.4	163	61	36.8
2/0	Full	235	56	64.1	199	59	46.2	176	60	35.9
3/0	1/2	249	58	64.7	209	60	45.7	184	61	35.3
3/0	Full	268	57	62.4	226	59	44.5	200	61	34.8
4/0	1/2	283	58	62.5	238	60	44.1	209	61	34.1
4/0	Full	305	57	60.6	257	60	43.0	226	61	33.6

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5 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	101	43	54.6	88	44	40.8	79	46	32.7
4	Full	108	42	51.6	94	44	39.3	84	45	31.6
3	1/2	116	43	54.0	100	45	40.3	89	46	32.2
3	Full	123	42	51.4	107	44	38.9	96	45	31.1
2	1/2	132	43	53.5	113	45	39.7	101	46	31.6
2	Full	140	42	50.7	122	44	38.3	109	45	30.5
1	1/2	150	44	52.5	129	45	38.7	115	46	30.7
1	Full	160	43	50.2	139	45	37.4	124	46	30.0
1/0	1/2	172	44	51.6	147	46	37.8	131	47	30.1
1/0	Full	183	43	49.3	158	45	36.5	141	46	29.2
2/0	1/2	196	44	50.4	167	46	36.8	149	47	29.2
2/0	Full	209	44	48.3	180	45	35.9	161	46	28.6
3/0	1/2	223	45	49.1	190	46	35.9	169	47	28.2
3/0	Full	239	44	47.4	205	46	34.8	183	46	27.6
4/0	1/2	255	45	47.9	217	46	34.6	192	47	27.3
4/0	Full	273	44	46.0	234	46	33.8	208	47	26.8

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5 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	93	44	46.2	80	45	33.5	70	46	26.6
4	Full	99	43	44.3	85	45	32.3	76	46	25.8
3	1/2	106	44	45.5	90	46	32.9	80	47	25.9
3	Full	113	43	43.7	97	45	31.8	86	46	25.2
2	1/2	121	44	44.7	102	46	32.3	90	47	25.2
2	Full	129	44	42.9	110	45	31.2	98	46	24.5
1	1/2	137	45	43.8	116	46	31.3	103	47	24.6
1	Full	147	44	42.1	125	46	30.7	111	47	23.9
1/0	1/2	156	45	42.6	132	47	30.4	116	47	23.7
1/0	Full	167	44	41.0	142	46	29.8	126	47	23.4
2/0	1/2	178	45	41.6	150	47	29.5	132	47	23.1
2/0	Full	191	45	40.1	162	46	28.9	143	47	22.5
3/0	1/2	202	46	40.2	170	47	28.5	150	48	22.1
3/0	Full	217	45	39.1	184	46	27.9	162	47	21.8
4/0	1/2	230	46	39.0	193	47	27.6	170	48	21.4
4/0	Full	247	45	37.9	209	47	26.8	184	47	20.8

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5 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	133	75	143.7	114	79	104.9	101	82	83.0
4	Full	142	73	137.8	122	78	101.8	109	80	80.9
3	1/2	151	76	141.8	129	80	103.2	114	82	81.4
3	Full	162	74	136.2	139	78	100.2	124	81	79.5
2	1/2	172	77	139.3	146	81	101.1	130	83	79.6
2	Full	184	75	134.2	158	79	98.2	140	81	77.7
1	1/2	196	78	136.2	166	81	98.4	147	83	77.1
1	Full	210	76	131.4	180	80	95.7	160	82	75.6
1/0	1/2	223	78	133.3	189	82	95.9	167	84	75.1
1/0	Full	240	77	128.8	204	80	93.6	181	82	73.7
2/0	1/2	254	79	130.0	215	82	93.1	190	84	72.8
2/0	Full	273	77	125.6	232	81	91.0	206	83	71.5
3/0	1/2	289	80	126.2	244	83	90.1	216	84	70.4
3/0	Full	311	78	122.4	264	81	88.3	234	83	69.1
4/0	1/2	329	80	122.3	278	83	87.1	245	85	68.0
4/0	Full	355	79	118.9	300	82	85.4	266	84	66.8

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5 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	121	78	119.0	102	81	84.7	90	83	65.8
4	Full	130	76	114.9	110	80	82.6	97	82	64.5
3	1/2	137	79	117.0	116	82	82.8	102	84	64.0
3	Full	148	77	113.1	125	81	80.8	110	83	63.0
2	1/2	156	79	114.3	131	82	80.9	115	84	62.5
2	Full	168	78	110.9	141	81	79.0	125	83	61.3
1	1/2	177	80	111.3	148	83	78.3	130	85	60.3
1	Full	191	78	108.0	161	82	76.5	141	84	59.4
1/0	1/2	201	81	108.2	168	83	75.9	148	85	58.2
1/0	Full	217	79	105.4	182	82	74.5	160	84	57.4
2/0	1/2	228	81	105.0	191	84	73.4	167	85	56.3
2/0	Full	246	80	102.3	207	83	72.0	181	84	55.5
3/0	1/2	259	82	101.7	216	84	70.7	189	86	54.3
3/0	Full	280	80	99.1	234	83	69.4	206	85	53.5
4/0	1/2	294	82	97.9	245	85	68.0	214	86	52.1
4/0	Full	318	81	95.7	266	84	66.8	233	85	51.4

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5 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	124	68	121.7	106	71	88.8	94	73	70.3
4	Full	133	66	116.6	114	70	86.1	102	72	68.6
3	1/2	141	68	120.0	121	72	87.4	107	73	68.9
3	Full	151	67	115.1	130	70	84.7	116	72	67.3
2	1/2	161	69	117.8	137	72	85.6	121	74	67.3
2	Full	172	67	113.4	147	71	83.1	131	73	65.7
1	1/2	183	70	115.2	156	73	83.1	138	74	65.4
1	Full	197	68	111.3	168	71	81.0	149	73	63.9
1/0	1/2	208	70	112.8	177	73	81.1	156	75	63.7
1/0	Full	224	69	109.1	191	72	79.1	169	74	62.2
2/0	1/2	237	71	109.9	201	73	78.8	178	75	61.7
2/0	Full	255	69	106.4	217	72	76.9	192	74	60.4
3/0	1/2	270	71	106.8	228	74	76.3	202	75	59.7
3/0	Full	291	70	103.7	247	73	74.8	219	74	58.6
4/0	1/2	308	72	103.5	260	74	73.8	229	76	57.4
4/0	Full	331	71	100.6	281	73	72.4	248	75	56.7

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5 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	113	70	100.8	95	73	71.7	84	74	55.5
4	Full	121	68	97.4	103	72	69.9	91	73	54.5
3	1/2	128	70	98.9	108	73	70.2	95	75	54.4
3	Full	138	69	95.6	117	72	68.6	103	74	53.1
2	1/2	146	71	97.0	122	74	68.2	108	75	52.7
2	Full	157	70	93.8	132	73	67.0	116	74	51.8
1	1/2	165	72	94.2	139	74	66.3	122	75	51.0
1	Full	178	70	91.5	150	73	64.8	132	75	50.1
1/0	1/2	188	72	91.6	157	74	64.2	138	76	49.4
1/0	Full	202	71	89.1	170	74	62.8	150	75	48.5
2/0	1/2	213	73	88.8	178	75	62.0	156	76	47.7
2/0	Full	230	71	86.6	193	74	60.9	170	75	47.1
3/0	1/2	242	73	86.0	202	75	59.9	177	76	45.8
3/0	Full	261	72	83.7	219	74	58.9	192	76	45.3
4/0	1/2	275	74	82.7	229	76	57.4	200	77	43.9
4/0	Full	297	72	81.0	248	75	56.7	218	76	43.4

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5 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	119	64	110.7	102	67	80.9	91	69	63.8
4	Full	128	62	105.9	110	66	78.2	98	68	62.4
3	1/2	136	64	109.1	116	67	79.5	103	69	62.6
3	Full	145	63	104.8	125	66	77.2	111	68	61.0
2	1/2	155	65	107.1	132	68	77.7	117	69	61.3
2	Full	166	63	103.3	142	67	75.5	126	68	59.7
1	1/2	176	66	104.7	150	68	75.6	132	70	59.4
1	Full	189	64	101.1	161	67	73.8	143	69	58.2
1/0	1/2	200	66	102.5	170	69	73.7	150	70	57.7
1/0	Full	215	65	99.1	183	68	71.9	163	69	56.5
2/0	1/2	228	67	99.9	193	69	71.5	171	70	56.0
2/0	Full	245	65	96.7	209	68	69.9	185	70	55.0
3/0	1/2	260	67	97.0	219	69	69.4	194	71	54.3
3/0	Full	279	66	94.2	237	68	67.9	210	70	53.3
4/0	1/2	296	68	94.1	250	70	67.0	220	71	52.3
4/0	Full	319	66	91.4	270	69	65.6	239	70	51.4

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5 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	109	66	91.5	92	68	65.1	81	70	50.4
4	Full	117	64	88.5	99	67	63.4	87	69	49.4
3	1/2	123	66	90.0	104	69	63.6	91	70	49.5
3	Full	133	65	87.0	112	68	62.3	99	69	48.5
2	1/2	140	67	88.1	118	69	62.2	103	71	48.0
2	Full	151	65	85.3	127	68	60.6	112	70	47.1
1	1/2	159	67	85.5	133	70	60.3	117	71	46.5
1	Full	171	66	83.1	144	69	58.8	127	70	45.6
1/0	1/2	181	68	83.4	151	70	58.2	133	71	44.8
1/0	Full	195	67	81.1	164	69	57.1	144	70	44.3
2/0	1/2	205	68	80.7	171	70	56.3	150	71	43.3
2/0	Full	221	67	78.8	186	70	55.5	163	71	42.8
3/0	1/2	233	69	78.1	194	71	54.3	170	72	41.7
3/0	Full	251	68	76.3	210	70	53.5	185	71	41.2
4/0	1/2	264	69	75.2	220	71	52.3	193	72	40.0
4/0	Full	286	68	73.6	239	70	51.4	209	71	39.6

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5 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	109	56	88.5	93	58	64.5	83	60	51.1
4	Full	116	55	84.7	100	57	62.7	89	59	49.7
3	1/2	124	57	87.4	105	59	63.3	94	60	50.1
3	Full	132	55	83.7	113	58	61.7	101	59	48.8
2	1/2	141	57	85.6	120	59	62.2	106	60	49.0
2	Full	151	56	82.4	129	58	60.3	115	60	47.7
1	1/2	160	57	84.0	136	60	60.6	120	61	47.4
1	Full	172	56	81.0	147	59	59.1	130	60	46.5
1/0	1/2	182	58	81.9	155	60	59.1	137	61	46.3
1/0	Full	196	57	79.4	167	59	57.7	148	60	45.4
2/0	1/2	207	58	79.9	176	60	57.4	155	61	44.7
2/0	Full	223	57	77.4	190	59	56.0	168	61	43.9
3/0	1/2	236	59	77.6	200	61	55.6	176	62	43.3
3/0	Full	254	58	75.3	216	60	54.3	191	61	42.5
4/0	1/2	269	59	75.2	227	61	53.5	200	62	41.7
4/0	Full	290	58	73.1	246	60	52.6	217	61	41.2

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5 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	99	58	73.4	83	60	52.1	73	61	40.5
4	Full	106	56	70.6	90	59	50.7	79	60	39.8
3	1/2	112	58	71.9	94	60	51.1	83	61	39.6
3	Full	121	57	69.6	102	59	49.8	90	61	38.6
2	1/2	127	58	70.4	107	60	49.6	94	61	38.5
2	Full	137	57	68.2	116	60	48.6	102	61	37.6
1	1/2	145	59	68.4	121	61	48.3	106	62	37.2
1	Full	156	58	66.6	131	60	47.1	115	61	36.6
1/0	1/2	164	59	66.5	137	61	46.8	121	62	36.0
1/0	Full	177	58	64.8	149	60	45.7	131	61	35.4
2/0	1/2	187	60	64.7	156	61	45.2	137	62	34.7
2/0	Full	201	59	63.1	169	61	44.4	148	62	34.1
3/0	1/2	212	60	62.5	177	62	43.5	155	62	33.3
3/0	Full	229	59	60.9	191	61	42.8	168	62	33.0
4/0	1/2	240	60	60.3	200	62	41.7	175	63	32.1
4/0	Full	260	60	58.8	217	61	41.2	190	62	31.6

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5 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	88	44	55.2	75	46	40.5	67	47	31.9
4	Full	94	44	52.8	81	45	39.1	72	46	31.2
3	1/2	100	45	54.4	86	46	39.6	76	47	31.3
3	Full	107	44	52.4	92	46	38.6	82	46	30.7
2	1/2	114	45	53.7	97	46	38.9	86	47	30.6
2	Full	122	44	51.5	105	46	37.9	93	47	30.0
1	1/2	130	45	52.5	110	47	37.8	98	47	29.7
1	Full	139	45	50.4	119	46	36.9	106	47	29.1
1/0	1/2	148	46	51.1	125	47	36.8	111	48	28.8
1/0	Full	159	45	49.4	135	46	36.0	120	47	28.3
2/0	1/2	168	46	49.8	143	47	35.7	126	48	27.9
2/0	Full	181	45	48.5	154	47	34.9	136	47	27.6
3/0	1/2	192	46	48.6	162	47	34.6	143	48	27.1
3/0	Full	206	45	47.1	175	47	34.1	155	47	26.6
4/0	1/2	218	46	47.0	184	47	33.5	163	48	26.0
4/0	Full	235	46	45.8	199	47	32.8	176	48	25.8

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5 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	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					
50°C - Aluminum Conductor - Concentric Strand										
4	1/2	80	45	45.9	68	47	32.6	60	47	25.4
4	Full	86	45	44.2	73	46	31.9	64	47	24.7
3	1/2	91	46	44.8	77	47	32.0	67	48	24.7
3	Full	98	45	43.5	83	46	31.0	73	47	24.1
2	1/2	103	46	43.9	87	47	31.0	76	48	24.0
2	Full	111	45	42.6	94	47	30.3	83	47	23.7
1	1/2	117	46	42.9	98	47	30.0	86	48	23.1
1	Full	126	46	41.7	106	47	29.4	94	48	22.8
1/0	1/2	133	46	41.7	112	48	29.1	98	48	22.6
1/0	Full	144	46	40.5	121	47	28.6	106	48	22.0
2/0	1/2	151	47	40.3	126	48	28.2	111	48	21.7
2/0	Full	163	46	39.3	137	47	27.6	120	48	21.4
3/0	1/2	172	47	38.9	143	48	27.1	125	48	20.7
3/0	Full	186	46	38.2	155	47	26.6	136	48	20.5
4/0	1/2	195	47	37.6	163	48	26.0	142	48	20.0
4/0	Full	211	47	36.9	176	48	25.8	154	48	19.8

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5 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	107	34	14.6	104	37	13.8	101	40	13.0
4	Full	115	34	14.2	112	37	13.3	109	40	12.7
3	1/2	122	34	15.1	119	38	14.2	116	41	13.5
3	Full	132	34	14.6	128	37	13.8	125	40	13.0
2	1/2	139	34	15.6	135	38	14.6	132	41	13.8
2	Full	150	34	15.1	146	38	14.3	142	41	13.5
1	1/2	160	35	16.2	155	38	15.3	150	42	14.3
1	Full	172	35	15.8	167	38	14.8	162	41	14.0
1/0	1/2	183	35	16.7	177	39	15.8	171	42	14.8
1/0	Full	197	35	16.4	191	39	15.4	185	42	14.5
2/0	1/2	209	36	17.4	202	39	16.2	196	43	15.3
2/0	Full	226	35	17.0	219	39	15.9	212	42	15.0
3/0	1/2	239	36	18.2	231	40	16.9	224	43	15.9
3/0	Full	259	36	17.7	250	40	16.6	242	43	15.6
4/0	1/2	274	36	19.0	265	41	17.5	256	44	16.4
4/0	Full	297	36	18.5	286	40	17.2	277	44	16.1

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5 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	105	36	14.0	101	41	13.0	97	44	12.1
4	Full	113	36	13.7	109	40	12.7	105	44	11.7
3	1/2	120	37	14.5	115	41	13.3	111	45	12.4
3	Full	129	36	14.0	124	41	13.0	120	44	12.1
2	1/2	136	37	15.0	131	42	13.7	126	45	12.7
2	Full	147	37	14.5	141	41	13.3	136	45	12.4
1	1/2	156	37	15.4	150	42	14.2	144	46	13.2
1	Full	169	37	15.1	162	42	13.8	156	46	12.9
1/0	1/2	178	38	16.1	171	43	14.6	164	47	13.5
1/0	Full	193	38	15.6	185	42	14.3	177	46	13.2
2/0	1/2	204	38	16.6	195	43	15.1	187	47	14.0
2/0	Full	221	38	16.2	211	43	14.8	203	47	13.7
3/0	1/2	234	39	17.2	223	44	15.8	213	48	14.5
3/0	Full	252	39	16.9	241	44	15.4	231	48	14.2
4/0	1/2	267	39	18.0	255	45	16.2	243	49	15.0
4/0	Full	289	39	17.5	276	44	15.9	264	48	14.6

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5 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	99	32	12.2	97	35	11.4	94	38	10.9
4	Full	107	32	11.7	104	35	11.1	101	37	10.6
3	1/2	113	33	12.5	110	36	11.9	107	38	11.3
3	Full	122	32	12.2	119	35	11.6	116	38	10.9
2	1/2	129	33	12.9	125	36	12.2	122	38	11.6
2	Full	139	33	12.5	135	36	11.9	132	38	11.3
1	1/2	148	33	13.5	143	36	12.7	139	39	11.9
1	Full	160	33	13.0	155	36	12.4	151	39	11.6
1/0	1/2	169	33	14.0	164	37	13.0	159	39	12.4
1/0	Full	183	33	13.7	177	36	12.7	172	39	12.1
2/0	1/2	194	34	14.5	187	37	13.5	181	40	12.7
2/0	Full	209	34	14.2	202	37	13.2	196	40	12.5
3/0	1/2	222	34	15.1	214	37	14.0	207	40	13.2
3/0	Full	240	34	14.8	231	37	13.8	224	40	12.9
4/0	1/2	254	35	15.8	245	38	14.6	237	41	13.7
4/0	Full	275	34	15.4	265	38	14.3	257	41	13.3

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5 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	97	34	11.7	94	38	10.8	90	41	10.1
4	Full	105	34	11.4	101	38	10.5	98	41	9.8
3	1/2	111	35	12.1	107	38	11.1	103	42	10.3
3	Full	120	34	11.7	115	38	10.8	111	41	10.1
2	1/2	127	35	12.4	121	39	11.4	117	42	10.6
2	Full	137	35	12.1	131	38	11.1	127	42	10.5
1	1/2	145	35	12.9	139	39	11.9	133	43	10.9
1	Full	156	35	12.5	150	39	11.6	144	42	10.8
1/0	1/2	165	36	13.3	158	40	12.2	152	43	11.3
1/0	Full	179	35	13.0	171	39	11.9	165	43	11.1
2/0	1/2	189	36	13.8	181	40	12.7	173	44	11.6
2/0	Full	204	36	13.5	196	40	12.4	188	43	11.4
3/0	1/2	216	37	14.3	206	41	13.0	198	44	11.9
3/0	Full	234	36	14.0	223	40	12.9	214	44	11.7
4/0	1/2	247	37	15.0	236	41	13.5	226	45	12.4
4/0	Full	268	37	14.6	255	41	13.3	244	45	12.2

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5 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	95	32	10.9	92	34	10.3	90	36	9.8
4	Full	102	31	10.6	100	34	10.1	97	36	9.5
3	1/2	108	32	11.3	105	34	10.6	102	37	10.1
3	Full	117	32	10.9	114	34	10.3	111	36	9.8
2	1/2	124	32	11.7	120	35	10.9	117	37	10.5
2	Full	133	32	11.4	130	35	10.8	126	37	10.1
1	1/2	142	32	12.1	137	35	11.4	133	38	10.8
1	Full	153	32	11.7	148	35	11.1	144	37	10.5
1/0	1/2	162	33	12.5	157	35	11.7	152	38	11.1
1/0	Full	175	32	12.2	169	35	11.6	164	38	10.9
2/0	1/2	185	33	13.0	179	36	12.2	174	38	11.4
2/0	Full	200	33	12.7	194	36	11.9	188	38	11.3
3/0	1/2	212	33	13.5	205	36	12.7	198	39	11.9
3/0	Full	229	33	13.3	222	36	12.4	215	39	11.6
4/0	1/2	243	34	14.2	234	37	13.2	227	39	12.4
4/0	Full	263	33	13.8	254	36	12.9	246	39	12.1

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5 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	93	33	10.5	90	37	9.8	87	40	9.2
4	Full	100	33	10.3	97	36	9.5	93	39	8.8
3	1/2	106	34	10.8	102	37	10.0	98	40	9.3
3	Full	115	34	10.6	110	37	9.8	106	40	9.2
2	1/2	121	34	11.3	116	37	10.3	112	40	9.6
2	Full	131	34	10.9	126	37	10.1	121	40	9.3
1	1/2	139	34	11.6	133	38	10.6	128	41	9.8
1	Full	149	34	11.3	144	38	10.5	138	41	9.6
1/0	1/2	158	35	12.1	151	38	10.9	145	41	10.1
1/0	Full	171	34	11.7	164	38	10.8	157	41	10.0
2/0	1/2	181	35	12.4	173	39	11.4	166	42	10.5
2/0	Full	195	35	12.2	187	38	11.1	180	42	10.3
3/0	1/2	207	35	12.9	197	39	11.7	189	42	10.8
3/0	Full	224	35	12.7	214	39	11.6	205	42	10.6
4/0	1/2	237	36	13.3	226	40	12.2	216	43	11.1
4/0	Full	256	36	13.2	245	39	12.1	234	43	10.9

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5 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	86	30	8.7	83	32	8.2	81	34	7.7
4	Full	92	30	8.4	90	32	7.9	88	34	7.6
3	1/2	98	30	8.8	95	32	8.4	92	34	7.9
3	Full	105	30	8.7	102	32	8.2	100	34	7.7
2	1/2	112	31	9.2	108	33	8.7	105	35	8.2
2	Full	120	30	8.8	117	33	8.4	114	34	8.0
1	1/2	128	31	9.5	124	33	9.0	120	35	8.5
1	Full	138	31	9.3	134	33	8.7	130	35	8.2
1/0	1/2	146	31	9.8	141	33	9.3	137	35	8.7
1/0	Full	157	31	9.6	153	33	9.0	148	35	8.5
2/0	1/2	167	31	10.3	161	34	9.6	157	36	9.0
2/0	Full	180	31	10.0	175	33	9.3	169	35	8.8
3/0	1/2	191	31	10.6	184	34	10.0	179	36	9.3
3/0	Full	206	31	10.5	200	34	9.8	193	36	9.2
4/0	1/2	219	32	11.1	211	34	10.3	204	36	9.6
4/0	Full	237	32	10.8	229	34	10.1	221	36	9.5

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5 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	84	32	8.2	81	34	7.7	78	37	7.1
4	Full	91	32	8.0	87	34	7.6	84	36	6.9
3	1/2	96	32	8.5	92	35	7.9	89	37	7.4
3	Full	103	32	8.4	99	34	7.7	96	37	7.2
2	1/2	109	32	8.8	105	35	8.0	101	37	7.6
2	Full	118	32	8.5	113	35	7.9	109	37	7.4
1	1/2	125	32	9.2	120	35	8.4	115	37	7.7
1	Full	135	32	8.8	129	35	8.2	125	37	7.6
1/0	1/2	142	33	9.5	137	35	8.7	131	38	8.0
1/0	Full	154	32	9.2	148	35	8.5	142	38	7.9
2/0	1/2	163	33	9.8	156	36	9.0	150	38	8.2
2/0	Full	176	33	9.5	169	36	8.7	162	38	8.0
3/0	1/2	186	33	10.1	178	36	9.2	171	39	8.5
3/0	Full	202	33	10.0	193	36	9.0	185	38	8.4
4/0	1/2	213	34	10.5	203	37	9.5	195	39	8.8
4/0	Full	231	33	10.3	220	36	9.3	211	39	8.7

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5 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	69	28	5.3	67	29	5.0	65	31	4.7
4	Full	74	28	5.1	72	29	4.8	70	30	4.7
3	1/2	78	28	5.5	76	30	5.1	74	31	4.8
3	Full	84	28	5.3	82	29	5.0	80	31	4.7
2	1/2	89	28	5.6	87	30	5.3	84	31	5.0
2	Full	96	28	5.5	94	30	5.1	91	31	4.8
1	1/2	102	29	5.8	99	30	5.5	96	31	5.1
1	Full	110	28	5.6	107	30	5.3	104	31	5.0
1/0	1/2	117	29	6.0	113	30	5.6	110	31	5.3
1/0	Full	126	29	5.8	122	30	5.5	119	31	5.1
2/0	1/2	133	29	6.3	129	30	5.8	125	31	5.5
2/0	Full	144	29	6.1	140	30	5.6	136	31	5.3
3/0	1/2	153	29	6.4	147	30	6.0	143	32	5.6
3/0	Full	165	29	6.3	160	30	6.0	155	32	5.6
4/0	1/2	175	29	6.8	169	31	6.3	163	32	5.8
4/0	Full	189	29	6.6	183	31	6.1	177	32	5.8

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5 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	67	29	5.0	65	31	4.7	63	32	4.3
4	Full	73	29	4.8	70	31	4.5	68	32	4.2
3	1/2	77	29	5.1	74	31	4.8	71	32	4.5
3	Full	83	29	5.0	80	31	4.7	77	32	4.3
2	1/2	87	29	5.3	84	31	5.0	81	32	4.5
2	Full	94	29	5.1	91	31	4.8	87	32	4.5
1	1/2	100	29	5.5	96	31	5.1	92	33	4.7
1	Full	108	29	5.5	104	31	5.0	100	32	4.7
1/0	1/2	114	30	5.8	109	31	5.3	105	33	4.8
1/0	Full	123	30	5.6	118	31	5.1	114	33	4.8
2/0	1/2	130	30	6.0	125	32	5.5	120	33	5.0
2/0	Full	141	30	5.8	135	31	5.3	130	33	5.0
3/0	1/2	149	30	6.1	142	32	5.6	136	33	5.1
3/0	Full	161	30	6.0	154	32	5.5	148	33	5.1
4/0	1/2	170	30	6.4	163	32	5.8	156	34	5.3
4/0	Full	184	30	6.3	176	32	5.6	169	33	5.3

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5 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	102	39	18.9	98	44	17.2	94	48	15.8
4	Full	110	39	18.3	106	44	16.7	101	48	15.5
3	1/2	117	40	19.4	111	45	17.6	107	49	16.3
3	Full	126	39	18.9	120	44	17.3	115	48	15.9
2	1/2	133	40	20.0	127	45	18.2	121	49	16.6
2	Full	143	40	19.4	137	45	17.7	131	49	16.3
1	1/2	152	41	20.7	144	46	18.8	138	50	17.1
1	Full	164	40	20.2	156	45	18.3	149	49	16.8
1/0	1/2	173	41	21.4	165	46	19.3	157	51	17.6
1/0	Full	187	41	20.9	178	46	18.9	170	50	17.3
2/0	1/2	198	42	22.1	188	47	19.9	179	51	18.1
2/0	Full	214	41	21.6	203	47	19.6	194	51	17.7
3/0	1/2	226	42	22.9	214	48	20.6	204	52	18.7
3/0	Full	245	42	22.4	232	47	20.1	221	52	18.3
4/0	1/2	259	43	23.8	244	49	21.3	232	53	19.2
4/0	Full	280	43	23.3	265	48	20.8	252	52	18.9

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5 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 - Aluminum Conductor - Concentric Strand										
4	1/2	99	43	17.5	93	49	15.5	88	54	13.9
4	Full	106	43	17.1	100	49	15.1	95	53	13.5
3	1/2	112	44	18.0	105	50	15.8	99	54	14.1
3	Full	121	43	17.5	114	49	15.5	108	54	13.9
2	1/2	128	44	18.4	120	50	16.3	113	55	14.4
2	Full	138	44	18.1	129	50	15.9	122	54	14.2
1	1/2	146	45	19.1	136	51	16.7	128	56	14.8
1	Full	158	44	18.7	148	50	16.4	139	55	14.6
1/0	1/2	166	45	19.7	155	52	17.2	146	56	15.1
1/0	Full	180	45	19.2	168	51	16.8	158	56	14.9
2/0	1/2	190	46	20.4	177	52	17.6	166	57	15.5
2/0	Full	205	46	19.9	191	52	17.3	180	57	15.2
3/0	1/2	216	47	20.9	201	53	18.1	188	58	15.9
3/0	Full	234	46	20.6	218	53	17.9	204	57	15.7
4/0	1/2	247	48	21.7	229	54	18.7	214	59	16.3
4/0	Full	268	47	21.3	248	54	18.3	232	58	16.0

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5 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	95	37	15.7	91	41	14.3	87	44	13.2
4	Full	102	37	15.2	98	41	14.0	94	44	12.9
3	1/2	108	37	16.2	103	41	14.7	99	45	13.5
3	Full	117	37	15.7	111	41	14.3	107	44	13.2
2	1/2	123	38	16.6	117	42	15.1	112	45	13.9
2	Full	133	37	16.2	127	41	14.8	122	45	13.5
1	1/2	141	38	17.2	134	42	15.6	128	46	14.2
1	Full	152	38	16.8	145	42	15.2	139	45	14.0
1/0	1/2	160	38	17.7	153	43	16.0	146	46	14.7
1/0	Full	173	38	17.4	165	42	15.7	158	46	14.3
2/0	1/2	183	39	18.4	174	43	16.6	166	47	15.0
2/0	Full	198	39	18.0	188	43	16.3	180	47	14.8
3/0	1/2	210	39	19.0	198	44	17.1	189	48	15.5
3/0	Full	227	39	18.7	215	44	16.7	205	47	15.2
4/0	1/2	240	40	19.8	226	45	17.6	215	48	15.9
4/0	Full	259	40	19.3	245	44	17.4	234	48	15.7

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5 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	91	40	14.6	86	45	12.9	81	49	11.6
4	Full	99	40	14.2	93	45	12.6	88	49	11.4
3	1/2	104	41	15.0	98	46	13.2	92	50	11.8
3	Full	112	40	14.6	106	45	13.0	100	49	11.6
2	1/2	118	41	15.4	111	46	13.5	105	50	12.1
2	Full	128	41	15.0	120	46	13.3	114	50	11.8
1	1/2	135	42	15.9	126	47	13.9	119	51	12.4
1	Full	146	41	15.6	137	46	13.6	129	50	12.2
1/0	1/2	154	42	16.4	144	47	14.3	135	51	12.6
1/0	Full	167	42	16.0	156	47	14.0	147	51	12.4
2/0	1/2	176	43	16.9	164	48	14.7	154	52	13.0
2/0	Full	190	42	16.6	177	47	14.4	167	51	12.7
3/0	1/2	201	43	17.4	186	49	15.1	175	53	13.3
3/0	Full	217	43	17.2	202	48	14.9	190	52	13.1
4/0	1/2	229	44	18.0	212	49	15.5	199	53	13.5
4/0	Full	248	43	17.7	230	49	15.2	216	53	13.4

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5 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	91	36	14.1	87	39	13.0	83	42	11.9
4	Full	98	35	13.8	94	39	12.6	90	42	11.6
3	1/2	103	36	14.6	99	40	13.3	95	43	12.2
3	Full	112	36	14.2	107	39	13.0	102	42	11.9
2	1/2	118	36	15.0	112	40	13.6	108	43	12.5
2	Full	127	36	14.6	122	40	13.3	116	43	12.3
1	1/2	135	37	15.5	128	41	14.1	123	44	12.9
1	Full	145	36	15.1	139	40	13.8	133	43	12.6
1/0	1/2	154	37	16.0	146	41	14.4	140	44	13.2
1/0	Full	166	37	15.7	158	41	14.2	151	44	13.0
2/0	1/2	175	38	16.6	167	42	14.9	159	45	13.5
2/0	Full	190	37	16.3	180	41	14.7	172	44	13.3
3/0	1/2	200	38	17.2	190	42	15.4	181	45	14.0
3/0	Full	217	38	16.8	206	42	15.1	196	45	13.8
4/0	1/2	229	38	17.7	217	43	15.9	206	46	14.4
4/0	Full	248	38	17.5	235	42	15.7	224	46	14.2

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5 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	88	39	13.2	82	43	11.6	78	47	10.5
4	Full	95	38	12.9	89	43	11.4	84	46	10.2
3	1/2	100	39	13.5	94	44	11.9	88	47	10.7
3	Full	108	39	13.2	101	43	11.7	96	47	10.5
2	1/2	113	39	13.9	106	44	12.2	100	48	10.9
2	Full	123	39	13.5	115	44	11.9	109	47	10.7
1	1/2	129	40	14.3	121	45	12.5	114	48	11.1
1	Full	140	40	14.0	131	44	12.3	124	48	10.9
1/0	1/2	148	40	14.8	138	45	12.9	130	49	11.4
1/0	Full	160	40	14.4	149	45	12.6	141	48	11.3
2/0	1/2	168	41	15.2	157	46	13.2	147	49	11.7
2/0	Full	182	41	14.9	170	45	13.0	160	49	11.5
3/0	1/2	192	41	15.7	179	46	13.6	167	50	11.9
3/0	Full	208	41	15.5	194	46	13.4	182	50	11.8
4/0	1/2	219	42	16.3	203	47	14.0	190	50	12.3
4/0	Full	237	42	15.9	220	46	13.8	207	50	12.1

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5 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	82	33	11.1	78	36	10.1	75	39	9.4
4	Full	88	33	10.8	85	36	9.9	81	38	9.2
3	1/2	93	34	11.5	89	37	10.5	85	39	9.6
3	Full	101	33	11.1	96	36	10.2	92	39	9.4
2	1/2	106	34	11.8	101	37	10.7	97	39	9.9
2	Full	115	34	11.5	110	37	10.5	105	39	9.7
1	1/2	121	34	12.2	116	37	11.0	111	40	10.1
1	Full	131	34	11.9	125	37	10.8	120	39	9.9
1/0	1/2	138	35	12.6	132	38	11.4	126	40	10.4
1/0	Full	150	34	12.3	143	37	11.1	136	40	10.2
2/0	1/2	158	35	13.0	150	38	11.7	143	41	10.7
2/0	Full	171	35	12.7	163	38	11.5	155	40	10.5
3/0	1/2	181	35	13.4	171	38	12.1	163	41	11.0
3/0	Full	196	35	13.2	185	38	11.9	177	41	10.8
4/0	1/2	207	36	14.0	195	39	12.5	186	41	11.3
4/0	Full	224	35	13.8	212	39	12.3	202	41	11.1

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5 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	79	36	10.4	74	39	9.2	70	42	8.2
4	Full	85	36	10.1	80	39	9.0	76	42	8.1
3	1/2	90	36	10.6	84	40	9.4	80	42	8.4
3	Full	97	36	10.4	91	39	9.2	87	42	8.2
2	1/2	102	36	10.9	96	40	9.7	91	43	8.5
2	Full	111	36	10.7	104	40	9.4	98	43	8.4
1	1/2	117	37	11.3	109	40	9.9	103	43	8.8
1	Full	126	36	11.0	118	40	9.7	112	43	8.6
1/0	1/2	133	37	11.6	124	41	10.1	117	44	9.0
1/0	Full	144	37	11.4	135	41	10.0	127	43	8.9
2/0	1/2	152	37	11.9	141	41	10.4	133	44	9.2
2/0	Full	164	37	11.7	153	41	10.2	144	44	9.1
3/0	1/2	173	38	12.4	161	42	10.7	151	45	9.4
3/0	Full	187	38	12.2	175	41	10.6	164	44	9.3
4/0	1/2	197	38	12.7	183	42	11.0	172	45	9.7
4/0	Full	214	38	12.5	199	42	10.8	187	45	9.6

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5 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	66	30	6.7	63	32	6.3	60	33	5.7
4	Full	71	30	6.6	68	32	6.0	65	33	5.6
3	1/2	75	30	6.9	71	32	6.4	68	34	5.8
3	Full	81	30	6.8	77	32	6.3	74	33	5.7
2	1/2	85	30	7.2	81	32	6.5	78	34	6.0
2	Full	92	30	7.1	88	32	6.4	84	34	5.9
1	1/2	97	31	7.4	93	33	6.7	89	34	6.1
1	Full	105	31	7.3	100	32	6.6	96	34	6.0
1/0	1/2	111	31	7.6	105	33	6.9	101	34	6.4
1/0	Full	120	31	7.5	114	33	6.8	109	34	6.3
2/0	1/2	126	31	7.8	120	33	7.2	115	35	6.5
2/0	Full	137	31	7.7	130	33	7.1	124	34	6.4
3/0	1/2	144	31	8.2	137	33	7.4	131	35	6.7
3/0	Full	156	31	8.1	148	33	7.3	142	35	6.6
4/0	1/2	165	31	8.4	156	33	7.6	149	35	6.8
4/0	Full	179	31	8.3	169	33	7.5	161	35	6.8

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5 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	63	32	6.3	60	34	5.6	56	35	5.0
4	Full	68	31	6.1	64	34	5.5	61	35	4.9
3	1/2	72	32	6.5	68	34	5.7	64	36	5.1
3	Full	78	32	6.4	73	34	5.6	69	36	5.0
2	1/2	82	32	6.6	77	34	5.8	73	36	5.2
2	Full	89	32	6.5	83	34	5.8	79	36	5.1
1	1/2	93	32	6.8	88	34	6.0	83	36	5.3
1	Full	101	32	6.7	95	34	5.9	90	36	5.2
1/0	1/2	106	32	7.1	100	35	6.1	94	36	5.5
1/0	Full	115	32	6.9	108	35	6.0	102	36	5.5
2/0	1/2	121	33	7.3	113	35	6.4	107	37	5.6
2/0	Full	131	32	7.2	123	35	6.3	116	37	5.6
3/0	1/2	138	33	7.5	129	35	6.5	121	37	5.8
3/0	Full	150	33	7.4	140	35	6.4	131	37	5.7
4/0	1/2	158	33	7.7	147	35	6.7	138	37	5.9
4/0	Full	171	33	7.6	159	35	6.6	149	37	5.8

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5 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	98	44	23.1	92	49	20.6	88	54	18.4
4	Full	106	43	22.5	100	49	20.1	95	53	18.1
3	1/2	112	44	23.7	105	50	21.0	99	54	18.8
3	Full	120	44	23.2	113	49	20.6	108	54	18.5
2	1/2	127	45	24.4	119	51	21.5	113	55	19.3
2	Full	137	44	23.8	129	50	21.1	122	54	19.0
1	1/2	145	45	25.1	136	51	22.1	128	56	19.8
1	Full	157	45	24.6	147	51	21.7	139	55	19.5
1/0	1/2	165	46	25.9	154	52	22.7	146	56	20.2
1/0	Full	179	46	25.4	167	52	22.3	158	56	19.9
2/0	1/2	188	47	26.8	176	53	23.3	166	57	20.7
2/0	Full	204	46	26.2	191	52	22.9	180	57	20.4
3/0	1/2	215	47	27.7	200	54	24.0	188	58	21.2
3/0	Full	233	47	27.2	217	53	23.6	204	58	20.9
4/0	1/2	245	48	28.6	228	54	24.6	214	59	21.7
4/0	Full	266	48	28.1	247	54	24.3	232	58	21.5

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5 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	93	49	20.9	86	55	17.8	80	60	15.5
4	Full	101	48	20.5	93	55	17.4	87	59	15.2
3	1/2	106	49	21.4	98	56	18.1	91	61	15.8
3	Full	114	49	20.9	106	55	17.8	99	60	15.5
2	1/2	120	50	21.9	111	56	18.5	103	61	16.0
2	Full	130	49	21.5	120	56	18.2	112	61	15.8
1	1/2	137	50	22.6	126	57	19.0	117	62	16.4
1	Full	148	50	22.1	136	57	18.6	127	61	16.1
1/0	1/2	156	51	23.2	143	58	19.5	132	63	16.7
1/0	Full	169	51	22.7	155	57	19.2	144	62	16.5
2/0	1/2	178	52	23.8	162	59	19.9	150	63	17.0
2/0	Full	192	51	23.4	176	58	19.6	163	63	16.8
3/0	1/2	202	53	24.5	184	59	20.4	170	64	17.3
3/0	Full	219	52	24.1	200	59	20.1	185	64	17.1
4/0	1/2	230	53	25.2	209	60	20.8	193	65	17.7
4/0	Full	250	53	24.8	227	60	20.6	210	65	17.5

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5 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	91	41	19.3	86	45	17.1	81	49	15.4
4	Full	98	40	18.7	93	45	16.7	88	49	15.1
3	1/2	103	41	19.8	97	46	17.5	92	50	15.7
3	Full	112	41	19.3	105	45	17.1	100	49	15.4
2	1/2	118	42	20.3	111	46	17.9	105	50	16.1
2	Full	127	41	19.9	120	46	17.6	113	50	15.8
1	1/2	134	42	21.0	126	47	18.4	119	51	16.5
1	Full	145	42	20.6	136	47	18.1	129	50	16.2
1/0	1/2	153	43	21.6	143	48	19.0	135	51	16.8
1/0	Full	166	42	21.2	155	47	18.5	147	51	16.6
2/0	1/2	175	43	22.3	163	48	19.5	154	52	17.2
2/0	Full	189	43	21.9	177	48	19.2	167	52	17.0
3/0	1/2	199	44	23.0	186	49	20.0	175	53	17.6
3/0	Full	216	43	22.6	201	48	19.7	190	52	17.4
4/0	1/2	227	44	23.7	211	49	20.6	198	53	18.1
4/0	Full	246	44	23.3	229	49	20.3	216	53	17.9

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5 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	86	45	17.4	80	50	14.9	75	54	13.0
4	Full	93	44	17.0	86	50	14.6	81	54	12.8
3	1/2	98	45	17.8	91	51	15.2	84	55	13.2
3	Full	106	45	17.4	98	50	14.9	92	54	13.0
2	1/2	112	46	18.2	103	51	15.5	96	55	13.4
2	Full	121	45	17.9	111	51	15.2	104	55	13.2
1	1/2	127	46	18.8	117	52	15.8	109	56	13.7
1	Full	138	46	18.4	127	51	15.6	118	56	13.5
1/0	1/2	145	47	19.4	133	52	16.2	123	57	14.0
1/0	Full	157	46	19.0	144	52	16.0	134	56	13.8
2/0	1/2	165	47	19.9	151	53	16.6	140	57	14.2
2/0	Full	179	47	19.6	163	53	16.3	152	57	14.1
3/0	1/2	188	48	20.4	171	54	16.9	158	58	14.5
3/0	Full	203	48	20.1	186	53	16.7	172	57	14.4
4/0	1/2	214	49	21.0	194	54	17.4	179	58	14.8
4/0	Full	232	48	20.7	211	54	17.1	195	58	14.6

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5 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	87	39	17.3	82	43	15.4	78	47	13.9
4	Full	94	39	16.9	89	43	15.1	84	46	13.7
3	1/2	99	40	17.8	93	44	15.8	88	47	14.2
3	Full	107	39	17.4	101	43	15.5	96	47	14.0
2	1/2	113	40	18.3	106	44	16.2	100	48	14.5
2	Full	122	40	17.9	115	44	15.9	109	47	14.3
1	1/2	129	40	19.0	121	45	16.6	114	48	14.9
1	Full	139	40	18.5	131	44	16.3	124	48	14.6
1/0	1/2	147	41	19.5	137	45	17.1	129	49	15.2
1/0	Full	158	41	19.1	149	45	16.8	140	48	15.0
2/0	1/2	167	41	20.1	156	46	17.5	147	49	15.6
2/0	Full	181	41	19.7	169	46	17.2	160	49	15.4
3/0	1/2	191	42	20.7	178	46	18.0	167	50	15.9
3/0	Full	206	42	20.4	193	46	17.7	182	50	15.7
4/0	1/2	217	42	21.4	202	47	18.5	190	51	16.3
4/0	Full	236	42	21.1	220	47	18.2	206	50	16.1

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5 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	83	43	15.7	77	48	13.5	71	51	11.7
4	Full	90	42	15.4	83	47	13.2	77	51	11.6
3	1/2	94	43	16.1	87	48	13.7	81	52	12.0
3	Full	102	43	15.7	94	48	13.5	88	51	11.8
2	1/2	107	44	16.5	98	49	14.0	92	52	12.2
2	Full	116	43	16.1	107	48	13.8	100	52	12.0
1	1/2	122	44	16.9	112	49	14.3	104	53	12.4
1	Full	132	44	16.6	121	49	14.1	113	53	12.2
1/0	1/2	139	45	17.4	127	50	14.6	118	53	12.6
1/0	Full	150	44	17.1	138	49	14.4	128	53	12.5
2/0	1/2	158	45	17.9	144	50	15.0	134	54	12.9
2/0	Full	171	45	17.6	157	50	14.8	145	54	12.7
3/0	1/2	180	46	18.4	164	51	15.3	151	55	13.1
3/0	Full	195	45	18.1	178	51	15.1	165	54	13.0
4/0	1/2	205	46	19.0	186	52	15.7	172	55	13.4
4/0	Full	222	46	18.6	202	51	15.5	187	55	13.3

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5 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	79	36	13.7	74	40	12.2	70	42	10.9
4	Full	85	36	13.4	80	39	12.0	76	42	10.7
3	1/2	89	36	14.0	84	40	12.5	80	42	11.1
3	Full	97	36	13.7	91	40	12.2	86	42	11.0
2	1/2	102	37	14.4	96	40	12.8	91	43	11.5
2	Full	110	36	14.1	104	40	12.5	98	43	11.2
1	1/2	116	37	14.9	109	41	13.1	103	43	11.8
1	Full	125	37	14.6	118	40	12.9	112	43	11.6
1/0	1/2	132	37	15.3	124	41	13.5	117	44	12.0
1/0	Full	143	37	15.0	134	41	13.2	127	43	11.9
2/0	1/2	151	38	15.8	141	41	13.8	133	44	12.3
2/0	Full	163	38	15.5	153	41	13.6	144	44	12.2
3/0	1/2	172	38	16.3	160	42	14.2	151	45	12.6
3/0	Full	186	38	16.0	174	42	14.0	164	44	12.4
4/0	1/2	196	39	16.8	183	42	14.6	172	45	12.9
4/0	Full	212	38	16.5	198	42	14.4	186	45	12.8

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5 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	75	39	12.4	69	43	10.6	65	46	9.2
4	Full	81	39	12.2	75	43	10.4	70	46	9.1
3	1/2	85	39	12.7	78	43	10.8	73	46	9.4
3	Full	92	39	12.5	85	43	10.6	79	46	9.2
2	1/2	97	40	13.0	89	44	11.0	83	47	9.6
2	Full	104	39	12.8	96	43	10.8	90	46	9.4
1	1/2	110	40	13.4	101	44	11.2	94	47	9.7
1	Full	119	40	13.1	110	44	11.1	102	47	9.6
1/0	1/2	125	41	13.7	115	45	11.6	106	47	9.9
1/0	Full	135	40	13.5	124	44	11.4	116	47	9.8
2/0	1/2	142	41	14.1	130	45	11.9	121	48	10.1
2/0	Full	154	41	13.9	141	45	11.7	131	48	10.0
3/0	1/2	162	41	14.5	148	45	12.1	137	48	10.3
3/0	Full	176	41	14.3	161	45	12.0	149	48	10.2
4/0	1/2	184	42	14.9	168	46	12.4	155	49	10.5
4/0	Full	200	42	14.7	183	46	12.3	169	49	10.4

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5 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	63	32	8.3	59	34	7.4	56	35	6.7
4	Full	68	32	8.1	64	34	7.3	61	35	6.6
3	1/2	72	32	8.5	67	34	7.6	64	36	6.8
3	Full	77	32	8.3	73	34	7.4	69	36	6.7
2	1/2	81	32	8.7	77	34	7.8	73	36	7.0
2	Full	88	32	8.6	83	34	7.6	79	36	6.9
1	1/2	93	32	9.0	87	35	8.0	83	36	7.2
1	Full	100	32	8.8	94	34	7.8	90	36	7.1
1/0	1/2	106	33	9.3	99	35	8.2	94	36	7.3
1/0	Full	114	32	9.1	107	35	8.0	102	36	7.2
2/0	1/2	120	33	9.6	113	35	8.4	106	37	7.5
2/0	Full	131	33	9.4	122	35	8.3	116	37	7.4
3/0	1/2	137	33	9.8	128	35	8.6	121	37	7.7
3/0	Full	149	33	9.7	139	35	8.5	131	37	7.6
4/0	1/2	157	33	10.2	146	36	8.9	137	37	7.9
4/0	Full	170	33	10.0	159	35	8.7	149	37	7.8

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5 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	60	34	7.6	56	36	6.5	52	38	5.7
4	Full	65	33	7.4	60	36	6.4	56	38	5.6
3	1/2	68	34	7.7	63	36	6.6	59	38	5.8
3	Full	74	34	7.6	68	36	6.5	64	38	5.7
2	1/2	77	34	7.9	71	36	6.8	67	38	5.9
2	Full	84	34	7.8	77	36	6.6	72	38	5.8
1	1/2	88	34	8.1	81	37	6.9	75	39	6.0
1	Full	95	34	8.0	88	37	6.8	82	38	5.9
1/0	1/2	100	34	8.3	92	37	7.0	86	39	6.1
1/0	Full	109	34	8.2	100	37	7.0	93	39	6.0
2/0	1/2	114	35	8.6	104	37	7.2	97	39	6.2
2/0	Full	124	35	8.4	113	37	7.1	105	39	6.2
3/0	1/2	130	35	8.8	119	38	7.4	110	39	6.4
3/0	Full	141	35	8.7	129	37	7.3	120	39	6.3
4/0	1/2	148	35	9.0	135	38	7.5	125	40	6.5
4/0	Full	160	35	8.9	146	38	7.5	136	40	6.4

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5 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	87	90	64	74
4	Full	94	97	69	80
3	1/2	99	103	73	84
3	Full	107	111	79	91
2	1/2	113	117	84	96
2	Full	122	127	90	104
1	1/2	129	134	95	110
1	Full	140	145	103	119
1/0	1/2	147	153	109	125
1/0	Full	159	166	118	136
2/0	1/2	168	175	125	143
2/0	Full	182	190	135	155
3/0	1/2	192	200	143	164
3/0	Full	208	217	155	178
4/0	1/2	220	229	163	188
4/0	Full	239	249	177	204

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5 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	74	76	42	55
4	Full	80	83	45	59
3	1/2	84	87	47	63
3	Full	91	94	51	68
2	1/2	95	99	54	71
2	Full	103	107	59	77
1	1/2	109	114	62	82
1	Full	118	123	67	88
1/0	1/2	124	130	71	93
1/0	Full	135	140	77	101
2/0	1/2	142	148	81	107
2/0	Full	154	161	87	116
3/0	1/2	162	170	92	122
3/0	Full	176	184	100	132
4/0	1/2	186	194	106	140
4/0	Full	201	211	115	152

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5 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	115	140	91	123
4	Full	123	149	97	131
3	1/2	133	161	105	141
3	Full	142	171	112	150
2	1/2	152	185	120	162
2	Full	163	196	128	172
1	1/2	176	213	138	186
1	Full	188	226	148	198
1/0	1/2	203	245	159	213
1/0	Full	217	261	171	227
2/0	1/2	234	282	184	245
2/0	Full	251	300	197	261
3/0	1/2	271	325	212	281
3/0	Full	290	346	227	300
4/0	1/2	313	375	244	323
4/0	Full	336	400	262	345

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5 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	96	120	63	98
4	Full	103	127	67	104
3	1/2	110	137	72	112
3	Full	118	146	77	119
2	1/2	127	158	82	128
2	Full	136	167	88	136
1	1/2	147	182	95	147
1	Full	157	193	101	156
1/0	1/2	169	209	108	168
1/0	Full	181	222	116	179
2/0	1/2	195	240	125	193
2/0	Full	209	256	134	205
3/0	1/2	225	277	143	220
3/0	Full	242	295	154	235
4/0	1/2	261	319	165	253
4/0	Full	280	340	177	270

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5 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	89	93	71	81
4	Full	96	100	77	87
3	1/2	101	106	81	93
3	Full	109	115	87	100
2	1/2	116	122	93	106
2	Full	125	131	100	114
1	1/2	133	140	106	122
1	Full	143	151	115	131
1/0	1/2	152	160	122	140
1/0	Full	164	173	132	151
2/0	1/2	174	184	140	160
2/0	Full	189	199	151	173
3/0	1/2	200	212	160	184
3/0	Full	216	229	174	199
4/0	1/2	229	243	184	212
4/0	Full	248	263	199	229

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5 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	74	78	50	62
4	Full	80	84	54	67
3	1/2	84	89	57	71
3	Full	91	96	62	77
2	1/2	96	102	66	82
2	Full	104	110	71	88
1	1/2	110	117	75	94
1	Full	119	126	82	102
1/0	1/2	126	134	86	108
1/0	Full	137	145	93	117
2/0	1/2	145	154	99	124
2/0	Full	157	166	107	134
3/0	1/2	166	176	114	142
3/0	Full	180	191	123	154
4/0	1/2	190	203	130	163
4/0	Full	206	220	141	177

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