

### Conductor Properties

Size (AWG or kcmil)	Conductors									Direct-Current Resistance at 75°C (167°F)					
	Area		Stranding			Overall				Copper				Aluminum	
	mm <sup>2</sup>	Circular mils	Quantity	Diameter		Diameter		Area		Uncoated		Coated		ohm/ km	ohm/ kFT
				mm	in.	mm	in.	mm <sup>2</sup>	in. <sup>2</sup>	ohm/ km	ohm/ kFT	ohm/ km	ohm/ kFT		
18	0.823	1620	1	—	—	1.02	0.040	0.823	0.001	25.5	7.77	26.5	8.08	42.0	12.8
18	0.823	1620	7	0.39	0.015	1.16	0.046	1.06	0.002	26.1	7.95	27.7	8.45	42.8	13.1
16	1.31	2580	1	—	—	1.29	0.051	1.31	0.002	16.0	4.89	16.7	5.08	26.4	8.05
16	1.31	2580	7	0.49	0.019	1.46	0.058	1.68	0.003	16.4	4.99	17.3	5.29	26.9	8.21
14	2.08	4110	1	—	—	1.63	0.064	2.08	0.003	10.1	3.07	10.4	3.19	16.6	5.06
14	2.08	4110	7	0.62	0.024	1.85	0.073	2.68	0.004	10.3	3.14	10.7	3.26	16.9	5.17
12	3.31	6530	1	—	—	2.05	0.081	3.31	0.005	6.34	1.93	6.57	2.01	10.45	3.18
12	3.31	6530	7	0.78	0.030	2.32	0.092	4.25	0.006	6.50	1.98	6.73	2.05	10.69	3.25
10	5.261	10380	1	—	—	2.588	0.102	5.26	0.008	3.984	1.21	4.148	1.26	6.561	2.00
10	5.261	10380	7	0.98	0.038	2.95	0.116	6.76	0.011	4.070	1.24	4.226	1.29	6.679	2.04
8	8.367	16510	1	—	—	3.264	0.128	8.37	0.013	2.506	0.764	2.579	0.786	4.125	1.26
8	8.367	16510	7	1.23	0.049	3.71	0.146	10.76	0.017	2.551	0.778	2.653	0.809	4.204	1.28
6	13.30	26240	7	1.56	0.061	4.67	0.184	17.09	0.027	1.608	0.491	1.671	0.510	2.652	0.808
4	21.15	41740	7	1.96	0.077	5.89	0.232	27.19	0.042	1.010	0.308	1.053	0.321	1.666	0.508
3	26.67	52620	7	2.20	0.087	6.60	0.260	34.28	0.053	0.802	0.245	0.833	0.254	1.320	0.403
2	33.62	66360	7	2.47	0.097	7.42	0.292	43.23	0.067	0.634	0.194	0.661	0.201	1.045	0.319
1	42.41	83690	19	1.69	0.066	8.43	0.332	55.80	0.087	0.505	0.154	0.524	0.160	0.829	0.253
1/0	53.49	105600	19	1.89	0.074	9.45	0.372	70.41	0.109	0.399	0.122	0.415	0.127	0.660	0.201
2/0	67.43	133100	19	2.13	0.084	10.62	0.418	88.74	0.137	0.3170	0.0967	0.329	0.101	0.523	0.159
3/0	85.01	167800	19	2.39	0.094	11.94	0.470	111.9	0.173	0.2512	0.0766	0.2610	0.0797	0.413	0.126
4/0	107.2	211600	19	2.68	0.106	13.41	0.528	141.1	0.219	0.1996	0.0608	0.2050	0.0626	0.328	0.100
250	—	—	37	2.09	0.082	14.61	0.575	168	0.260	0.1687	0.0515	0.1753	0.0535	0.2778	0.0847
300	—	—	37	2.29	0.090	16.00	0.630	201	0.312	0.1409	0.0429	0.1463	0.0446	0.2318	0.0707
350	—	—	37	2.47	0.097	17.30	0.681	235	0.364	0.1205	0.0367	0.1252	0.0382	0.1984	0.0605
400	—	—	37	2.64	0.104	18.49	0.728	268	0.416	0.1053	0.0321	0.1084	0.0331	0.1737	0.0529
500	—	—	37	2.95	0.116	20.65	0.813	336	0.519	0.0845	0.0258	0.0869	0.0265	0.1391	0.0424
600	—	—	61	2.52	0.099	22.68	0.893	404	0.626	0.0704	0.0214	0.0732	0.0223	0.1159	0.0353
700	—	—	61	2.72	0.107	24.49	0.964	471	0.730	0.0603	0.0184	0.0622	0.0189	0.0994	0.0303
750	—	—	61	2.82	0.111	25.35	0.998	505	0.782	0.0563	0.0171	0.0579	0.0176	0.0927	0.0282
800	—	—	61	2.91	0.114	26.16	1.030	538	0.834	0.0528	0.0161	0.0544	0.0166	0.0868	0.0265
900	—	—	61	3.09	0.122	27.79	1.094	606	0.940	0.0470	0.0143	0.0481	0.0147	0.0770	0.0235
1000	—	—	61	3.25	0.128	29.26	1.152	673	1.042	0.0423	0.0129	0.0434	0.0132	0.0695	0.0212

FPN: The construction information is per NEMA WC8-1992 or ANSI/UL 1581-1998. The resistance is calculated per National Bureau of Standards Handbook 100, dated 1966, and Handbook 109, dated 1972.  
70-625 TABLES

NATIONAL ELECTRICAL CODE, 2002 Edition

### Metric Conductors

Wire Size		Circ. Mils	# of Strands	Strand Diameter	Diameter MM	Diameter Inch	Color Code	Die Code
MM	AWG							
10	8	19,730	1	3.57	3.57	0.140	Red	21
10	8	19,730	7	1.35	4.05	0.159	Red	21
16	6	31,558	1	4.50	4.50	0.177	Blue	24
16	6	31,558	7	1.70	5.10	0.200	Blue	24
25	2	49,325	7	2.14	6.42	0.253	Gray	29
25	2	49,325	19	1.35	6.75	0.266	Brown	33
35	1	69,055	19	1.53	7.65	0.300	Green	37
50	1/0	98,650	19	1.78	8.90	0.350	Pink	42
70	2/0	138,110	19	2.14	10.70	0.421	Black	45
95	3/0	187,500	19	2.52	12.60	0.496	Orange	50
95	3/0	187,500	37	1.78	12.46	0.490	Orange	50
120	250	236,760	37	2.03	14.21	0.560	Purple	54
150	300	295,950	37	2.25	15.75	0.620	White	66
185		365,000	61	2.52	17.64	0.695	Red	71
240	500	473,500	61	2.25	20.25	0.797	Brown	87
300		591,900	61	2.52	22.68	0.893	Green	94
400		789,200	61	2.85	25.65	1.000	Black	106
400		789,200	91	2.36	25.96	1.022	Black	106
500		986,500	61	3.20	28.80	1.134		125
500		986,500	91	2.65	29.15	1.148		
630		1,243,000	127	2.52	32.76	1.290		
800		1,578,400	127	2.85	37.05	1.459		
1000		1,973,000	127	3.20	41.60	1.638		

Table B.310.1 Ampacities of Two or Three Insulated Conductors, Rated 0 Through 2000 Volts, Within an Overall Covering (Multiconductor Cable), in Raceway in Free Air Based on Ambient Air Temperature of 30°C (86°F)

### Temperature Rating of Conductor. (See Table 310.13.)

Size (AWG or kcmil)	60°C (140°F)	75°C (167°F)	90°C (194°F)	60°C (140°F)	75°C (167°F)	90°C (194°F)	Size (AWG or kcmil)
	Types TW, UF	Types RHW, THHW, THW, THWN, XHHW, ZW	Types THHN, THHW, THW-2, THWN-2, RHH, RWH-2, USE-2, XHHN, XHHW-2, ZW-2	Type TW	Types RHW, THHW, THW, THWN, XHHW	Types THHN, THHW, THW-2, THWN-2, RHH, RWH-2, USE-2, XHHW, XHHW-2, ZW-2	
	COPPER			ALUMINUM OR COPPER-CLAD ALUMINUM			
14	16*	18*	21*				14
12	20*	24*	27*	16*	18*	21*	12
10	27*	33*	36*	21*	25*	28*	10
8	36	43	48	28	33	37	8
6	48	58	65	38	45	51	6
4	66	79	89	51	61	69	4
3	76	90	102	59	70	79	3
2	88	105	119	69	83	93	2
1	102	121	137	80	95	106	1
1/0	121	145	163	94	113	127	1/0
2/0	138	166	186	108	129	146	2/0
3/0	158	189	214	124	147	167	3/0
4/0	187	223	253	147	176	197	4/0
250	205	245	276	160	192	217	250
300	234	281	317	185	221	250	300
350	255	305	345	202	242	273	350
400	274	328	371	218	261	295	400
500	315	378	427	254	303	342	500
600	343	413	468	279	335	378	600
700	376	452	514	310	371	420	700
750	387	466	529	321	384	435	750
800	397	479	543	331	397	450	800
900	415	500	570	350	421	477	900
1000	448	542	617	382	460	521	1000

### Correction Factors

Ambient Temp. (°C)	For ambient temperatures other than 30°C (86°F), multiply the ampacities shown above by the appropriate factor shown below.						Ambient Temp. (°F)
	1.08	1.05	1.04	1.08	1.05	1.04	
21-25	1.08	1.05	1.04	1.08	1.05	1.04	70-77
26-30	1.00	1.00	1.00	1.00	1.00	1.00	79-86
31-35	0.91	0.94	0.96	0.91	0.94	0.96	88-95
36-40	0.82	0.88	0.91	0.82	0.88	0.91	97-104
41-45	0.71	0.82	0.87	0.71	0.82	0.87	106-113
46-50	0.58	0.75	0.82	0.58	0.75	0.82	115-122
51-55	0.41	0.67	0.76	0.41	0.67	0.76	124-131
56-60	—	0.58	0.71	—	0.58	0.71	133-140
61-70	—	0.33	0.58	—	0.33	0.58	142-158
71-80	—	—	0.41	—	—	0.41	160-176

\*Unless otherwise specifically permitted elsewhere in this Code, the overcurrent protection for these conductor types shall not exceed 15 amperes for 14 AWG, 20 amperes for 12 AWG, and 30 amperes for 10 AWG copper; or 15 amperes for 12 AWG and 25 amperes for 10 AWG aluminum and copper-clad aluminum.

**Table C1 Maximum Number of Conductors or Fixture Wires in Electrical Metallic Tubing (EMT) (Based on Table 1, Chapter 9)**

		CONDUCTORS									
Conductor		Metric Designator (Trade Size)									
Type	Size (AWG/kcmil)	16 (½)	21 (¾)	27 (1)	35 (1¼)	41 (1½)	53 (2)	63 (2½)	78 (3)	91 (3½)	103 (4)
RHH, RHW, RHW-2	14	4	7	11	20	27	46	80	120	157	201
	12	3	6	9	17	23	38	66	100	131	167
	10	2	5	8	13	18	30	53	81	105	135
	8	1	2	4	7	9	16	28	42	55	70
	6	1	1	3	5	8	13	22	34	44	56
	4	1	1	2	4	6	10	17	26	34	44
	3	1	1	1	4	5	9	15	23	30	38
	2	1	1	1	3	4	7	13	20	26	33
	1	0	1	1	1	3	5	9	13	17	22
	1/0	0	1	1	1	2	4	7	11	15	19
2/0	0	1	1	1	2	4	6	10	13	17	
3/0	0	0	1	1	1	3	5	8	11	14	
4/0	0	0	1	1	1	3	5	7	9	12	
250	0	0	0	1	1	1	3	5	7	9	
300	0	0	0	1	1	1	3	5	6	8	
350	0	0	0	1	1	1	3	4	6	7	
400	0	0	0	1	1	1	2	4	5	7	
500	0	0	0	0	1	1	2	3	4	6	
600	0	0	0	0	1	1	1	3	4	5	
700	0	0	0	0	0	1	1	2	3	4	
750	0	0	0	0	0	1	1	2	3	4	
800	0	0	0	0	0	1	1	2	3	4	
900	0	0	0	0	0	1	1	1	3	3	
1000	0	0	0	0	0	1	1	1	2	3	
TW, THHW, THW, THW-2	14	8	15	25	43	58	96	168	254	332	424
	12	6	11	19	33	45	74	129	195	255	326
	10	5	8	14	24	33	55	96	145	190	243
	8	2	5	8	13	18	30	53	81	105	135
RHH*, RHW*, RHW-2*	14	6	10	6	28	39	64	112	169	221	282
	12	4	8	13	23	31	51	90	136	177	227
	10	3	6	10	18	24	40	70	106	138	177
	8	1	4	6	10	14	24	42	63	83	106

		CONDUCTORS									
Conductor		Metric Designator (Trade Size)									
Type	Size (AWG/kcmil)	16 (½)	21 (¾)	27 (1)	35 (1¼)	41 (1½)	53 (2)	63 (2½)	78 (3)	91 (3½)	103 (4)
RHH*, RHW*, RHW-2*, TW, THW, THHW, THW-2	6	1	3	4	8	11	18	32	48	63	81
	4	1	1	3	6	8	13	24	36	47	60
	3	1	1	3	5	7	12	20	31	40	52
	2	1	1	2	4	6	10	17	26	34	44
	1	1	1	1	3	4	7	12	18	24	31
	1/0	0	1	1	2	3	6	10	16	20	26
	2/0	0	1	1	1	3	5	9	13	17	22
	3/0	0	1	1	1	2	4	7	11	15	19
	4/0	0	0	1	1	1	3	6	9	12	16
	250	0	0	1	1	1	3	5	7	10	13
300	0	0	1	1	1	2	4	6	8	11	
350	0	0	0	1	1	1	4	6	7	10	
400	0	0	0	1	1	1	3	5	7	9	
500	0	0	0	1	1	1	3	4	6	7	
600	0	0	0	1	1	1	2	3	4	6	
700	0	0	0	0	1	1	1	3	4	5	
750	0	0	0	0	1	1	1	3	4	5	
800	0	0	0	0	1	1	1	3	3	5	
900	0	0	0	0	0	1	1	2	3	4	
1000	0	0	0	0	0	1	1	2	3	4	
THHN, THWN, THWN-2	14	12	22	35	61	84	138	241	364	476	608
	12	9	16	26	45	61	101	176	266	347	443
	10	5	10	16	28	38	63	111	167	219	279
	8	3	6	9	16	22	36	64	96	126	161
	6	2	4	7	12	16	26	46	69	91	116
	4	1	2	4	7	10	16	28	43	56	71
	3	1	1	3	6	8	13	24	36	47	60
	2	1	1	3	5	7	11	20	30	40	51
	1	1	1	1	4	5	8	15	22	29	37
	1/0	1	1	1	3	4	7	12	19	25	32
2/0	0	1	1	2	3	6	10	16	20	26	
3/0	0	1	1	1	3	5	8	13	17	22	
4/0	0	1	1	1	2	4	7	11	14	18	
250	0	0	1	1	1	3	6	9	11	15	
300	0	0	1	1	1	3	5	7	10	13	
350	0	0	1	1	1	2	4	6	9	11	
400	0	0	0	1	1	1	4	6	8	10	
500	0	0	0	1	1	1	3	5	6	8	
600	0	0	0	1	1	1	2	4	5	7	
700	0	0	0	1	1	1	2	3	4	6	
750	0	0	0	0	1	1	1	3	4	5	
800	0	0	0	0	1	1	1	3	4	5	
900	0	0	0	0	1	1	1	3	3	4	
1000	0	0	0	0	1	1	1	2	3	4	

NATIONAL ELECTRICAL CODE, 2002 Edition

**Table C4 Maximum Number of Conductors or Fixture Wires in Intermediate Metal Conduit (IMC) (Based on Table 1, Chapter 9)**

		CONDUCTORS									
Type	Conductor Size (AWG/kcmil)	Metric Designator (Trade Size)									
		16 (½)	21 (¾)	27 (1)	35 (1¼)	41 (1½)	53 (2)	63 (2½)	78 (3)	91 (3½)	103 (4)
RHH, RHW, RHW-2	14	4	8	13	22	30	49	70	108	144	186
	12	4	6	11	18	25	41	58	89	120	154
RHH, RHW, RHW-2	10	3	5	8	15	20	33	47	72	97	124
	8	1	3	4	8	10	17	24	38	50	65
	6	1	1	3	6	8	14	19	30	40	52
	4	1	1	3	5	6	11	15	23	31	41
	3	1	1	2	4	6	9	13	21	28	36
	2	1	1	1	3	5	8	11	18	24	31
	1	0	1	1	2	3	5	7	12	16	20
	1/0	0	1	1	1	3	4	6	10	14	18
	2/0	0	1	1	1	2	4	6	9	12	15
	3/0	0	0	1	1	1	3	5	7	10	13
	4/0	0	0	1	1	1	3	4	6	9	11
	250	0	0	1	1	1	1	3	5	6	8
	300	0	0	0	1	1	1	3	4	6	7
	350	0	0	0	1	1	1	2	4	5	7
	400	0	0	0	1	1	1	2	3	5	6
500	0	0	0	1	1	1	1	3	4	5	
600	0	0	0	0	1	1	1	2	3	4	
700	0	0	0	0	1	1	1	2	3	4	
750	0	0	0	0	1	1	1	1	3	4	
800	0	0	0	0	0	1	1	1	3	3	
900	0	0	0	0	0	1	1	1	2	3	
1000	0	0	0	0	0	1	1	1	2	3	
1250	0	0	0	0	0	1	1	1	1	2	
1500	0	0	0	0	0	0	1	1	1	1	
1750	0	0	0	0	0	0	1	1	1	1	
2000	0	0	0	0	0	0	1	1	1	1	
TW, THHW, THW, THW-2	14	10	17	27	47	64	104	147	228	304	392
	12	7	13	21	36	49	80	113	175	234	301
	10	5	9	15	27	36	59	84	130	174	224
	8	3	5	8	15	20	33	47	72	97	124
RHH*, RHW*, RHW-2	14	6	11	18	31	42	69	98	151	202	261
RHH*, RHW*, RHW-2*	12	5	9	14	25	34	56	79	122	163	209
	10	4	7	11	19	26	43	61	95	127	163
RHH*, RHW*, RHW-2*	8	2	4	7	12	16	26	37	57	76	98
RHH*, RHW*, RHW-2*	6	1	3	5	9	12	20	28	43	58	75
	4	1	2	4	6	9	15	21	32	43	56

		CONDUCTORS									
Type	Conductor Size (AWG/kcmil)	Metric Designator (Trade Size)									
		16 (½)	21 (¾)	27 (1)	35 (1¼)	41 (1½)	53 (2)	63 (2½)	78 (3)	91 (3½)	103 (4)
TW, THW, THHW, THW-2	3	1	1	3	6	8	13	18	28	37	48
	2	1	1	3	5	6	11	15	23	31	41
	1	1	1	1	3	4	7	11	16	22	28
	1/0	1	1	1	3	4	6	9	14	19	24
	2/0	0	1	1	2	3	5	8	12	16	20
	3/0	0	1	1	1	3	4	6	10	13	17
	4/0	0	1	1	1	2	4	5	8	11	14
	250	0	0	1	1	1	3	4	7	9	12
	300	0	0	1	1	1	2	4	6	8	10
	350	0	0	1	1	1	2	3	5	7	9
	400	0	0	0	1	1	1	3	4	6	8
	500	0	0	0	1	1	1	2	4	5	7
	600	0	0	0	1	1	1	1	3	4	5
	700	0	0	0	0	1	1	1	3	4	5
	750	0	0	0	0	1	1	1	2	3	4
800	0	0	0	0	1	1	1	2	3	4	
900	0	0	0	0	1	1	1	2	3	4	
1000	0	0	0	0	0	1	1	1	3	3	
THHN, THWN, THWN-2	14	14	24	39	68	91	149	211	326	436	562
	12	10	17	29	49	67	109	154	238	318	410
	10	6	11	18	31	42	68	97	150	200	258
	8	3	6	10	18	24	39	56	86	115	149
	6	2	4	7	13	17	28	40	62	83	107
	4	1	3	4	8	10	17	25	38	51	66
	3	1	2	4	6	9	15	21	32	43	56
	2	1	1	3	5	7	12	17	27	36	47
	1	1	1	2	4	5	9	13	20	27	35
	1/0	1	1	1	3	4	8	11	17	23	29
	2/0	1	1	1	3	4	6	9	14	19	24
	3/0	0	1	1	2	3	5	7	12	16	20
	4/0	0	1	1	1	2	4	6	9	13	17
	250	0	0	1	1	1	3	5	8	10	13
	300	0	0	1	1	1	3	4	7	9	12
350	0	0	1	1	1	2	4	6	8	10	
400	0	0	1	1	1	2	3	5	7	9	
500	0	0	0	1	1	1	3	4	6	7	
600	0	0	0	1	1	1	2	3	5	6	
700	0	0	0	1	1	1	1	3	4	5	
750	0	0	0	1	1	1	1	3	4	5	
800	0	0	0	0	1	1	1	3	4	5	
900	0	0	0	0	1	1	1	2	3	4	
1000	0	0	0	0	1	1	1	2	3	4	

Note: This table is for concentric stranded conductors only. For compact stranded conductors, Table C4(A) should be used.  
\*Types RHH, RHW, and RHW-2 without outer covering.

NATIONAL ELECTRICAL CODE, 2002 Edition

### Table C8 Maximum Number of Conductors or Fixture Wires in Rigid Metal Conduit (RMC) (Based on Table 1, Chapter 9)

		CONDUCTORS													
Type	Conductor Size (AWG/kcmil)	Metric Designator (Trade Size)													
		16 (½)	21 (¾)	27 (1)	35 (1¼)	41 (1½)	53 (2)	63 (2½)	78 (3)	91 (3½)	103 (4)	129 (5)	155 (6)		
RHH, RHW, RHW-2	14	4	7	12	21	28	46	66	102	136	176	276	398		
	12	3	6	10	17	23	38	55	85	113	146	229	330		
	10	3	5	8	14	19	31	44	68	91	118	185	267		
	8	1	2	4	7	10	16	23	36	48	61	97	139		
	6	1	1	3	6	8	13	18	29	38	49	77	112		
	4	1	1	2	4	6	10	14	22	30	38	60	87		
	3	1	1	2	4	5	9	12	19	26	34	53	76		
	2	1	1	1	3	4	7	11	17	23	29	46	66		
	1	0	1	1	1	3	5	7	11	15	19	30	44		
	1/0	0	1	1	1	2	4	6	10	13	17	26	38		
	2/0	0	1	1	1	2	4	5	8	11	14	23	33		
	3/0	0	0	1	1	1	3	4	7	10	12	20	28		
	4/0	0	0	1	1	1	3	4	6	8	11	17	24		
	250	0	0	0	1	1	1	3	4	6	8	13	18		
	300	0	0	0	1	1	1	2	4	5	7	11	16		
350	0	0	0	1	1	1	2	4	5	6	10	15			
400	0	0	0	1	1	1	1	3	4	6	9	13			
500	0	0	0	1	1	1	1	3	4	5	8	11			
600	0	0	0	0	1	1	1	2	3	4	6	9			
700	0	0	0	0	1	1	1	1	3	4	6	8			
750	0	0	0	0	0	1	1	1	3	3	5	8			
800	0	0	0	0	0	1	1	1	2	3	5	7			
900	0	0	0	0	0	1	1	1	2	3	5	7			
1000	0	0	0	0	0	1	1	1	1	3	4	6			
TW, THHW, THW, THW-2	14	9	15	25	44	59	98	140	216	288	370	581	839		
	12	7	12	19	33	45	75	107	165	221	284	446	644		
	10	5	9	14	25	34	56	80	123	164	212	332	480		
	8	3	5	8	14	19	31	44	68	91	118	185	267		
RHH*, RHW*, RHW-2*	14	6	10	17	29	39	65	93	143	191	246	387	558		
RHH*, RHW*, RHW-2*	12	5	8	13	23	32	52	75	115	154	198	311	448		
RHH*, RHW*, RHW-2*	10	3	6	10	18	25	41	58	90	120	154	242	350		
RHH*, RHW*, RHW-2*	8	1	4	6	11	15	24	35	54	72	92	145	209		

		CONDUCTORS													
Type	Conductor Size (AWG/kcmil)	Metric Designator (Trade Size)													
		16 (½)	21 (¾)	27 (1)	35 (1¼)	41 (1½)	53 (2)	63 (2½)	78 (3)	91 (3½)	103 (4)	129 (5)	155 (6)		
RHH*, RHW*, RHW-2*, TW, THW,	6	1	3	5	8	11	18	27	41	55	71	111	160		
	4	1	1	3	6	8	14	20	31	41	53	83	120		
	3	1	1	3	5	7	12	17	26	35	45	71	103		
	2	1	1	2	4	6	10	14	22	30	38	60	87		
	1	1	1	1	3	4	7	10	15	21	27	42	61		
THHW, THW-2	1/0	0	1	1	2	3	6	8	13	18	23	36	52		
	2/0	0	1	1	2	3	5	7	11	15	19	31	44		
	3/0	0	1	1	1	2	4	6	9	13	16	26	37		
	4/0	0	0	1	1	1	3	5	8	10	14	21	31		
	250	0	0	1	1	1	3	4	6	8	11	17	25		
	300	0	0	1	1	1	2	3	5	7	9	15	22		
	350	0	0	0	1	1	1	3	5	6	8	13	19		
	400	0	0	0	1	1	1	3	4	6	7	12	17		
	500	0	0	0	1	1	1	2	3	5	6	10	14		
	600	0	0	0	1	1	1	1	3	4	5	8	12		
	700	0	0	0	0	1	1	1	2	3	4	7	10		
	750	0	0	0	0	1	1	1	2	3	4	7	10		
	800	0	0	0	0	1	1	1	2	3	4	6	9		
	900	0	0	0	0	1	1	1	1	3	4	6	8		
	1000	0	0	0	0	0	1	1	1	2	3	5	8		
THHN, THWN, THWN-2	14	13	22	36	63	85	140	200	309	412	531	833	1202		
	12	9	16	26	46	62	102	146	225	301	387	608	877		
	10	6	10	17	29	39	64	92	142	189	244	383	552		
	8	3	6	9	16	22	37	53	82	109	140	221	318		
	6	2	4	7	12	16	27	38	59	79	101	159	230		
	4	1	2	4	7	10	16	23	36	48	62	98	141		
	3	1	1	3	6	8	14	20	31	41	53	83	120		
	2	1	1	3	5	7	11	17	26	34	44	70	100		
	1	1	1	1	4	5	8	12	19	25	33	51	74		
	1/0	1	1	1	3	4	7	10	16	21	27	43	63		
	2/0	0	1	1	2	3	6	8	13	18	23	36	52		
	3/0	0	1	1	1	3	5	7	11	15	19	30	43		
	4/0	0	1	1	1	2	4	6	9	12	16	25	36		
	250	0	0	1	1	1	3	5	7	10	13	20	29		
	300	0	0	1	1	1	3	4	6	8	11	17	25		
	350	0	0	1	1	1	2	3	5	7	10	15	22		
	400	0	0	1	1	1	2	3	5	7	8	13	20		
	500	0	0	0	1	1	1	2	4	5	7	11	16		
	600	0	0	0	1	1	1	1	3	4	6	9	13		
	700	0	0	0	1	1	1	1	3	4	5	8	11		
	750	0	0	0	0	1	1	1	3	4	5	7	11		
	800	0	0	0	0	1	1	1	2	3	4	7	10		
	900	0	0	0	0	1	1	1	2	3	4	6	9		
	1000	0	0	0	0	1	1	1	1	3	4	6	8		

Note: This table is for concentric stranded conductors only. For compact stranded conductors, Table C8(A) should be used.

\*Types RHH, RHW, and RHW-2 without outer covering.