

Methods Of Stranding

DIAMETER IN INCHES	APPROX WT LB/MFT	SIZE		NUMBER OF STRANDS (CONCENTRIC)						SIZE		SIZE OF INDIV. STRAND	
		AWG	CIRCULAR MILES	7	19	37	49	61	91	AWG	CIRCULAR MILES	NO. 30	NO. 34
				SIZE OF INDIV. STRAND NO. AWG								NO. OF STRANDS	
.0201	1.22	24	404	32						24	404	4	11
.02534	1.94	22	642	30						22	642	7	17
.036	3.15	20	1,020	28						20	1,020	10	26
.046	5.00	18	1,620	26						18	1,620	16	41
.058	8.00	16	2,580	24						16	2,580	26	65
.073	12.6	14	4,110	22-	27	29				14	4,110	41	104
.092	20.0	12	6,530	20-	25	28+	29			12	6,530	65	165
.116	32	10	10,380	18-	23+	26+	27			10	10,380	104	259
.146	51	8	16,510	16-	21+	24+	25	26+		8	16,510	165	420
.184	81	6	26,240	14-	19+	22+	23	24	26+	6	26,240	262	686
.232	129	4	41,740	12-	17+	20+	21	22+	24	4	41,740	418	1029
.260	162	3	52,620	12+	16+	19+	20	21+	23+	3	52,620	527	1323
.292	205	2	66,360	10-	15	18+	19	20+	22+	2	66,360	663	1666
.332	259	1	83,690	9	14+	16-	18+	19+	21+	1	83,690	836	2107
.373	326	1/0	105,600	8	13	16+	17+	18+	19-	1/0	105,600	1056	2646
.418	411	2/0	133,100	8+	12+	15	16+	17+	18-	2/0	133,100	1330	3332
.470	518	3/0	167,800	6-	11+	14+	15+	16+	18+	3/0	167,800	1677	4256
.528	653	4/0	211,600	5-	10+	13	14+	15+		4/0	211,600	2116	5320
.575	772		250,000		9	12+	13+	14			250,000	2500	6251
.630	925		300,000		8-	11	12-	13			300,000	3000	7581
.681	1080		350,000		8+	10-	12+	13+			350,000	3500	8806
.728	1236		400,000		7-	10+	11	12			400,000	4000	10108
.772	1390		450,000		6-	9-	11+	11-			450,000	4500	11396
.813	1544		500,000		6+	9+	10	11+			500,000	5000	12691
.893	1853		600,000			8		10			600,000	6000	15007
.964	2161		700,000			7-					700,000	7000	17507
.998	2316		750,000			7		9	11		750,000	7500	18788
1.031	2470		800,000								800,000	8000	20069
1.094	2779		900,000								900,000	9000	22631
1.152	3088		1,000,000					8	10		1,000,000	10000	25193

Weight Of Bare Aluminum Conductor & Copper Equivalent

SIZE AWG	APPROX. NET WT. LBS/MFT	COPPER EQUIVALENTS
6	24.6	8
4	39.2	6
3	49.4	5
2	62.3	4
1	78.5	3
1/0	99.1	2
2/0	124.9	1
3/0	157.5	1/0
4/0	198.6	2/0
266,800cm (7)	250.4	3/0
266,800cm (19)	250.4	3/0
336,400cm	315.8	4/0
397,500cm	372.5	250,000cm
477,000cm (19)	447.8	300,000cm
477,000cm (37)	447.8	300,000cm
556,500cm (19)	522.0	350,000cm
556,500cm (37)	522.0	350,000cm
636,000cm	597.	400,000cm
715,500cm (37)	672.	450,000cm
715,500cm (61)	672.	450,000cm
795,000cm (37)	746.	500,000cm
795,000cm (61)	746.	500,000cm
874,000cm	821.	550,000cm
874,500cm	821.	550,000cm
954,000cm (37)	896.	600,000cm
954,000cm (61)	896.	600,000cm
1,033,500cm (37)	970.	650,000cm
1,033,500cm (61)	970.	650,000cm
1,113,000cm	1045.	700,000cm
1,912,500cm	1119.	750,000cm
1,272,000cm	1193.	800,000cm
1,351,500cm	1268.	850,000cm
1,431,000cm	1343.	900,000cm
1,510,500cm	1418.	950,000cm
1,590,000cm (61)	1493.	1,000,000cm
1,590,000cm (91)	1493.	1,000,000cm

