

## SIMpull Barrel™ Cable Drum

The SIMpull Barrel™ Cable Drum is ideal for job sites with longer runs and home-run pulls. Designed to simplify branch circuit installations, the SIMpull BARREL™ Cable Drum contains up to 7 paralleled conductors per BARREL, increasing productivity and reducing the potential for injury while avoiding broken spools, excess material handling, and scrap. Easy payoff directly out of the package, requiring less setup and effort to pull vs conventional wire-pulling methods.



Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

1. **Conductor:** Solid soft drawn bare copper per ASTM B3 or combination-unilay stranded soft drawn bare copper per ASTM B787
2. **Insulation:** Heat and moisture resistant PVC insulation in various colors
3. **Sheath:** Nylon jacket utilizing SIMpull<sup>®</sup> Technology
4. For information about our SIMpull Barrel™ Cable Drum please visit us at: [SIMpull Barrel™](#)

### APPLICATIONS AND FEATURES:

The SIMpull BARREL™ Cable Drum reduces the physical effort associated with material handling, setup, and pulling when compared to conventional wire pulling methods. Designed to simplify branch circuit installations, the SIMpull BARREL™ Cable Drum contains up to 7 paralleled conductors per BARREL (homerun), increasing productivity and reducing the potential for injury while avoiding broken spools, excess material handling and scrap.

- Easier pulling with SIMpull NoLube<sup>®</sup> wire jacket.
- Stationary package design to further reduce pulling tension.
- Designed to help lower potential for lifting/handling/pulling injuries.
- Patented parallel construction to reduce material handling and setup.
- Avoid broken spools and spool over-turn.

### SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- ASTM B787 19 Wire Combination Unilay-Stranded Copper Conductors
- UL 83 Thermoplastic Insulated Wires and Cables
- NMX-J-010-ANCE Thermoplastic insulated wires and cables
- NOM-063-SCFI Electrical Products – Conductors – Safety Requirements





**Table 1 – Weights and Measurements**

Stock Number	Cond. Size	Cond. Number	Strand Count	Diameter Over Conductor	Insul. Thickness	Jacket Thickness	Approx. OD	Copper Weight	Approx. Weight
	AWG/ Kcmil		No. of Strands	inch	mil	mil	inch	lb/1000ft	lb/1000ft
580285010	14	1	Solid	0.064	16	5	0.106	12	15
580286010	14	1	Solid	0.064	16	5	0.106	12	15
580287010	14	1	Solid	0.064	16	5	0.106	12	15
580288010	14	1	Solid	0.064	16	5	0.106	12	15
580289010	14	1	Solid	0.064	16	5	0.106	12	15
580291010	14	1	Solid	0.064	16	5	0.106	12	15
580292010	14	1	Solid	0.064	16	5	0.106	12	15
580293010	14	1	Solid	0.064	16	5	0.106	12	15
580295010	14	1	Solid	0.064	16	5	0.106	12	15
580171010	14	1	19	0.073	20	5	0.444	50	64
580172010	14	1	19	0.073	20	5	0.444	50	64
580173010	14	1	19	0.073	20	5	0.444	50	64
580176010	14	1	19	0.073	20	5	0.444	50	64
580177010	14	1	19	0.073	20	5	0.444	50	64
580178010	14	1	19	0.073	20	5	0.444	50	64
580179010	14	1	19	0.073	20	5	0.444	50	64
580180010	14	1	19	0.073	20	5	0.444	50	64
580181010	14	1	19	0.073	20	5	0.444	50	64
581899020	14	1	19	0.073	20	5	0.444	50	64
581933010	14	1	19	0.073	20	5	0.444	50	64
580170010	14	1	19	0.073	20	5	0.444	50	64
587349010	14	4	19	0.073	20	5	0.444	50	64
588835010	14	5	19	0.073	20	5	0.555	63	80
587350010	14	6	19	0.073	20	5	0.666	76	96
586144020	12	2	Solid	0.080	15	5	0.245	39	47
580297020	10	2	Solid	0.101	20	5	0.303	61	72
581099020	10	2	19	0.117	20	5	0.326	64	76
587251020	10	2	19	0.117	20	5	0.326	64	76
581094020	10	2	19	0.117	20	5	0.330	64	77
581110020	12	2	Solid	0.080	15	5	0.245	39	47
581105020	12	2	Solid	0.080	15	5	0.245	39	47
581103020	12	2	Solid	0.080	20	5	0.245	39	47
580264010	12	1	Solid	0.080	15	5	0.368	59	70
580265010	12	1	Solid	0.080	15	5	0.368	59	70
580267010	12	1	Solid	0.080	15	5	0.368	59	70
580268010	12	1	Solid	0.080	15	5	0.368	59	70
580269010	12	1	Solid	0.080	15	5	0.368	59	70
580271010	12	1	Solid	0.080	15	5	0.368	59	70
580272010	12	1	Solid	0.080	15	5	0.368	59	70
580273010	12	1	Solid	0.080	15	5	0.368	59	70





Stock Number	Cond. Size	Cond. Number	Strand Count	Diameter Over Conductor	Insul. Thickness	Jacket Thickness	Approx. OD	Copper Weight	Approx. Weight
	AWG/ Kcmil		No. of Strands	inch	mil	mil	inch	lb/1000ft	lb/1000ft
580275010	12	1	Solid	0.080	15	5	0.368	59	70
580276010	12	1	Solid	0.080	15	5	0.368	59	70
580277580	12	1	Solid	0.080	15	5	0.368	59	70
580278580	12	1	Solid	0.080	15	5	0.368	59	70
580279580	12	1	Solid	0.080	15	5	0.368	59	70
580280580	12	1	Solid	0.080	15	5	0.368	59	70
580281580	12	1	Solid	0.080	15	5	0.368	59	70
580283580	12	1	Solid	0.080	15	5	0.368	59	70
581931010	12	1	Solid	0.080	15	5	0.368	59	70
584566590	12	1	Solid	0.080	15	5	0.368	59	70
586145020	12	2	Solid	0.080	15	5	0.368	59	70
586194020	12	2	Solid	0.080	15	5	0.368	59	70
585361020	12	3	Solid	0.080	15	5	0.368	59	70
585362020	12	3	Solid	0.080	15	5	0.368	59	70
585365020	12	3	Solid	0.080	15	5	0.368	59	70
585363020	12	3	Solid	0.080	15	5	0.368	59	70
585366020	12	3	Solid	0.080	15	5	0.368	59	70
585360020	12	3	Solid	0.080	20	5	0.368	59	70
581506010	12	4	Solid	0.080	15	5	0.491	79	94
580312010	12	4	Solid	0.080	20	5	0.491	79	94
581039010	12	5	Solid	0.080	20	5	0.614	98	117
581204010	12	6	Solid	0.080	15	5	0.712	115	135
581203010	12	6	Solid	0.080	20	5	0.736	118	141
581185010	12	7	Solid	0.080	15	5	0.859	138	164
581046010	12	7	Solid	0.080	20	5	0.859	138	164
581118020	12	2	19	0.090	15	5	0.260	40	48
582603020	12	2	19	0.090	15	5	0.260	40	48
581112020	12	2	19	0.090	20	5	0.260	40	48
580182010	12	1	19	0.090	20	5	0.390	60	72
580184010	12	1	19	0.090	20	5	0.390	60	72
580185010	12	1	19	0.090	20	5	0.390	60	72
580186010	12	1	19	0.090	20	5	0.390	60	72
580187010	12	1	19	0.090	20	5	0.390	60	72
580189010	12	1	19	0.090	20	5	0.390	60	72
580190010	12	1	19	0.090	20	5	0.390	60	72
580192010	12	1	19	0.090	20	5	0.390	60	72
580193010	12	1	19	0.090	20	5	0.390	60	72
580194010	12	1	19	0.090	20	5	0.390	60	72
580195010	12	1	19	0.090	20	5	0.390	60	72
580196010	12	1	19	0.090	20	5	0.390	60	72
580197010	12	1	19	0.090	20	5	0.390	60	72
580198010	12	1	19	0.090	20	5	0.390	60	72





Stock Number	Cond. Size	Cond. Number	Strand Count	Diameter Over Conductor	Insul. Thickness	Jacket Thickness	Approx. OD	Copper Weight	Approx. Weight
	AWG/Kcmil			inch					
58019901	12	1	19	0.090	20	5	0.390	60	72
58020001	12	1	19	0.090	20	5	0.390	60	72
58193201	12	1	19	0.090	20	5	0.390	60	72
58386359	12	1	19	0.090	20	5	0.390	60	72
58610002	12	2	19	0.090	20	5	0.390	60	72
58610102	12	2	19	0.090	20	5	0.390	60	72
58612002	12	2	19	0.090	20	5	0.390	60	72
58724302	12	3	19	0.090	15	5	0.390	60	72
58536702	12	3	19	0.090	20	5	0.390	60	72
58139401	12	4	19	0.090	20	5	0.390	60	72
58103401	12	4	19	0.090	20	5	0.512	80	96
58117401	12	5	19	0.090	15	5	0.650	100	121
58104001	12	5	19	0.090	20	5	0.650	100	121
58120801	12	6	19	0.090	15	5	0.780	121	145
58120601	12	6	19	0.090	20	5	0.780	121	145
58118701	12	7	19	0.090	15	5	0.910	141	170
58104701	12	7	19	0.090	20	5	0.910	141	170
58020101	10	1	Solid	0.101	25	5	0.307	61	73
58020259	10	1	Solid	0.101	25	5	0.307	61	73
58020301	10	1	Solid	0.101	25	5	0.307	61	73
58020401	10	1	Solid	0.101	25	5	0.307	61	73
58020501	10	1	Solid	0.101	25	5	0.307	61	73
58020601	10	1	Solid	0.101	25	5	0.307	61	73
58020801	10	1	Solid	0.101	25	5	0.307	61	73
58021001	10	1	Solid	0.101	25	5	0.307	61	73
58021101	10	1	Solid	0.101	25	5	0.307	61	73
58021259	10	1	Solid	0.101	25	5	0.307	61	73
58021301	10	1	Solid	0.101	25	5	0.307	61	73
58021401	10	1	Solid	0.101	25	5	0.307	61	73
58021501	10	1	Solid	0.101	25	5	0.307	61	73
58021601	10	1	Solid	0.101	25	5	0.307	61	73
58021801	10	1	Solid	0.101	25	5	0.307	61	73
58021901	10	1	Solid	0.101	25	5	0.307	61	73
58022001	10	1	Solid	0.101	25	5	0.307	61	73
58022601	10	1	Solid	0.101	25	5	0.307	61	73
58105002	10	2	Solid	0.101	25	5	0.307	61	73
58105502	10	2	Solid	0.101	25	5	0.307	61	73
58920501	10	2	Solid	0.101	25	5	0.307	61	73
58920601	10	2	Solid	0.101	25	5	0.307	61	73
58920701	10	2	Solid	0.101	25	5	0.307	61	73
58317001	10	3	Solid	0.101	20	5	0.449	94	110
58449801	10	3	Solid	0.101	20	5	0.455	91	108





Stock Number	Cond. Size	Cond. Number	Strand Count	Diameter Over Conductor	Insul. Thickness	Jacket Thickness	Approx. OD	Copper Weight	Approx. Weight
	AWG/Kcmil			inch					
58379601	10	3	Solid	0.101	20	5	0.455	91	108
58449901	10	3	Solid	0.101	20	5	0.455	91	108
58379801	10	3	Solid	0.101	20	5	0.455	91	108
58379701	10	3	Solid	0.101	20	5	0.455	91	108
58031001	10	4	Solid	0.101	25	5	0.599	125	147
58150701	10	4	Solid	0.101	20	5	0.607	122	145
58116701	10	5	Solid	0.101	20	5	0.749	157	183
58103701	10	5	Solid	0.101	25	5	0.759	153	181
58119701	10	6	Solid	0.101	20	5	0.899	188	220
58119601	10	6	Solid	0.101	25	5	0.911	183	218
58118001	10	7	Solid	0.101	20	5	1.063	214	253
58104401	10	7	Solid	0.101	25	5	1.063	214	254
58546401	10	1	19	0.117	21	5	0.165	32	38
58547001	10	1	19	0.117	21	5	0.165	32	38
58546501	10	1	19	0.117	21	5	0.165	32	38
65312201	10	1	19	0.117	20	5	0.169	32	39
59917901	10	1	19	0.117	20	5	0.169	32	39
58109403	10	2	19	0.117	20	5	0.330	64	77
58109903	10	2	19	0.117	20	5	0.330	64	77
58020701	10	1	19	0.117	25	5	0.489	96	115
58022101	10	1	19	0.117	25	5	0.489	96	115
58022201	10	1	19	0.117	25	5	0.489	96	115
58022301	10	1	19	0.117	25	5	0.489	96	115
58022701	10	1	19	0.117	25	5	0.489	96	115
58025001	10	1	19	0.117	25	5	0.489	96	115
58025101	10	1	19	0.117	25	5	0.489	96	115
58025201	10	1	19	0.117	25	5	0.489	96	115
58025301	10	1	19	0.117	25	5	0.489	96	115
58025401	10	1	19	0.117	25	5	0.489	96	115
58025501	10	1	19	0.117	25	5	0.489	96	115
58025601	10	1	19	0.117	25	5	0.489	96	115
58025701	10	1	19	0.117	25	5	0.489	96	115
58025901	10	1	19	0.117	25	5	0.489	96	115
58026007	10	1	19	0.117	25	5	0.489	96	115
58026107	10	1	19	0.117	25	5	0.489	96	115
58026207	10	1	19	0.117	25	5	0.489	96	115
58193001	10	1	19	0.117	25	5	0.489	96	115
59805001	10	1	19	0.117	25	5	0.489	96	115
58725403	10	2	19	0.117	25	5	0.489	96	115
58725502	10	2	19	0.117	25	5	0.489	96	115
58725602	10	2	19	0.117	25	5	0.489	96	115
58725702	10	2	19	0.117	25	5	0.489	96	115





Stock Number	Cond. Size	Cond. Number	Strand Count	Diameter Over Conductor	Insul. Thickness	Jacket Thickness	Approx. OD	Copper Weight	Approx. Weight
	AWG/Kcmil		No. of Strands	inch	mil	mil	inch	lb/1000ft	lb/1000ft
59306202◇	10	2	19	0.117	25	5	0.489	96	115
58318301◇	10	3	19	0.117	20	5	0.489	96	115
58711001◇	10	3	19	0.117	20	5	0.489	96	115
58710901◇	10	3	19	0.117	20	5	0.489	96	115
58711101◇	10	3	19	0.117	20	5	0.489	96	115
58620401◇	10	3	19	0.117	20	5	0.489	96	115
58114301◇	10	3	19	0.117	25	5	0.489	96	115
58030401◇	10	3	19	0.117	25	5	0.489	96	115
58138501◇	10	4	19	0.117	25	5	0.489	96	115
58620501◇	10	3	19	0.117	20	5	0.495	96	116
67188501◇	10	3	19	0.117	20	5	0.507	96	117
58115501◇	10	4	19	0.117	20	5	0.652	128	154
58031101◇	10	4	19	0.117	25	5	0.652	128	153
58103801◇	10	5	19	0.117	25	5	0.815	160	192
58120101◇	10	6	19	0.117	20	5	0.978	192	230
58120001◇	10	6	19	0.117	25	5	0.978	192	230
58118301◇	10	7	19	0.117	20	5	1.141	224	269
58104501◇	10	7	19	0.117	25	5	1.141	224	269
58526001◇	8	2	19	0.143	35	5	0.430	101	126
58524803◇	8	3	19	0.143	35	5	0.645	152	189
58384801◇	8	4	19	0.143	35	5	0.852	203	250

All dimensions are nominal and subject to normal manufacturing tolerances  
 ◇ Cable marked with this symbol is a standard stock item



**Table 2 – Electrical and Engineering Data**

Stock Number	Cond. Size	Cond. Number	Min Bending Radius	Max Pull Tension	DC Resistance @ 25°C	AC Resistance @ 75°C	Inductive Reactance @ 60Hz	Allowable Ampacity At 75°C	Allowable Ampacity At 90°C
	AWG/ Kcmil		inch	lb	Ω/1000ft	Ω/1000ft	Ω/1000ft	Amp	Amp
58028501◇	14	1	0.4	32	2.631	3.170	0.058	20	25
58028601◇	14	1	0.4	32	2.631	3.170	0.058	20	25
58028701◇	14	1	0.4	32	2.631	3.170	0.058	20	25
58028801◇	14	1	0.4	32	2.631	3.170	0.058	20	25
58028901◇	14	1	0.4	32	2.631	3.170	0.058	20	25
58029101◇	14	1	0.4	32	2.631	3.170	0.058	20	25
58029201◇	14	1	0.4	32	2.631	3.170	0.058	20	25
58029301◇	14	1	0.4	32	2.631	3.170	0.058	20	25
58029501◇	14	1	0.4	32	2.631	3.170	0.058	20	25
58017101◇	14	1	1.8	105	2.631	3.170	0.058	20	25
58017201◇	14	1	1.8	105	2.631	3.170	0.058	20	25
58017301◇	14	1	1.8	105	2.631	3.170	0.058	20	25
58017601◇	14	1	1.8	105	2.631	3.170	0.058	20	25
58017701◇	14	1	1.8	105	2.631	3.170	0.058	20	25
58017801◇	14	1	1.8	105	2.631	3.170	0.058	20	25
58017901◇	14	1	1.8	105	2.631	3.170	0.058	20	25
58018001◇	14	1	1.8	105	2.631	3.170	0.058	20	25
58018101◇	14	1	1.8	105	2.631	3.170	0.058	20	25
58189902◇	14	1	1.8	105	2.631	3.170	0.058	20	25
58193301◇	14	1	1.8	105	2.631	3.170	0.058	20	25
58017001◇	14	1	1.8	105	2.631	3.170	0.058	20	25
58734901◇	14	4	1.8	105	2.631	3.170	0.058	16	20
58883501◇	14	5	2.2	131	2.631	3.170	0.058	16	20
58735001◇	14	6	2.7	157	2.631	3.170	0.058	16	20
58614402◇	12	2	1.0	104	1.662	2.002	0.054	25	30
58029702◇	10	2	1.2	166	1.040	1.253	0.050	35	40
58109902◇	10	2	1.3	166	1.040	1.253	0.050	35	40
58725102◇	10	2	1.3	166	1.040	1.253	0.050	35	40
58109402◇	10	2	1.3	166	1.040	1.253	0.050	35	40
58111002◇	12	2	1.0	104	1.662	2.002	0.054	25	30
58110502◇	12	2	1.0	104	1.662	2.002	0.054	25	30
58110302◇	12	2	1.0	104	1.662	2.002	0.054	25	30
58026401◇	12	1	1.5	156	1.662	2.002	0.054	25	30
58026501◇	12	1	1.5	156	1.662	2.002	0.054	25	30
58026701◇	12	1	1.5	156	1.662	2.002	0.054	25	30
58026801◇	12	1	1.5	156	1.662	2.002	0.054	25	30
58026901◇	12	1	1.5	156	1.662	2.002	0.054	25	30
58027101◇	12	1	1.5	156	1.662	2.002	0.054	25	30
58027201◇	12	1	1.5	156	1.662	2.002	0.054	25	30





Stock Number	Cond. Size	Cond. Number	Min Bending Radius	Max Pull Tension	DC Resistance @ 25°C	AC Resistance @ 75°C	Inductive Reactance @ 60Hz	Allowable Ampacity At 75°C	Allowable Ampacity At 90°C
	AWG/ Kcmil		inch	lb	Ω/1000ft	Ω/1000ft	Ω/1000ft	Amp	Amp
580273010	12	1	1.5	156	1.662	2.002	0.054	25	30
580275010	12	1	1.5	156	1.662	2.002	0.054	25	30
580276010	12	1	1.5	156	1.662	2.002	0.054	25	30
580277580	12	1	1.5	156	1.662	2.002	0.054	25	30
580278580	12	1	1.5	156	1.662	2.002	0.054	25	30
580279580	12	1	1.5	156	1.662	2.002	0.054	25	30
580280580	12	1	1.5	156	1.662	2.002	0.054	25	30
580281580	12	1	1.5	156	1.662	2.002	0.054	25	30
580283580	12	1	1.5	156	1.662	2.002	0.054	25	30
581931010	12	1	1.5	156	1.662	2.002	0.054	25	30
584566590	12	1	1.5	156	1.662	2.002	0.054	25	30
586145020	12	2	1.5	156	1.662	2.002	0.054	25	30
586194020	12	2	1.5	156	1.662	2.002	0.054	25	30
585361020	12	3	1.5	156	1.662	2.002	0.054	25	30
585362020	12	3	1.5	156	1.662	2.002	0.054	25	30
585365020	12	3	1.5	156	1.662	2.002	0.054	25	30
585363020	12	3	1.5	156	1.662	2.002	0.054	25	30
585366020	12	3	1.5	156	1.662	2.002	0.054	25	30
585360020	12	3	1.5	156	1.662	2.002	0.054	25	30
581506010	12	4	2.0	167	1.662	2.002	0.054	20	24
580312010	12	4	2.0	167	1.662	2.002	0.054	20	24
581039010	12	5	2.5	208	1.662	2.002	0.054	20	24
581204010	12	6	2.8	250	1.662	2.002	0.054	20	24
581203010	12	6	2.9	250	1.662	2.002	0.054	20	24
581185010	12	7	3.4	292	1.662	2.002	0.054	17	21
581046010	12	7	3.4	292	1.662	2.002	0.054	17	21
581118020	12	2	1.0	104	1.662	2.002	0.054	25	30
582603020	12	2	1.0	104	1.662	2.002	0.054	25	30
581112020	12	2	1.0	104	1.662	2.002	0.054	25	30
580182010	12	1	1.6	156	1.662	2.002	0.054	25	30
580184010	12	1	1.6	156	1.662	2.002	0.054	25	30
580185010	12	1	1.6	156	1.662	2.002	0.054	25	30
580186010	12	1	1.6	156	1.662	2.002	0.054	25	30
580187010	12	1	1.6	156	1.662	2.002	0.054	25	30
580189010	12	1	1.6	156	1.662	2.002	0.054	25	30
580190010	12	1	1.6	156	1.662	2.002	0.054	25	30
580192010	12	1	1.6	156	1.662	2.002	0.054	25	30
580193010	12	1	1.6	156	1.662	2.002	0.054	25	30
580194010	12	1	1.6	156	1.662	2.002	0.054	25	30
580195010	12	1	1.6	156	1.662	2.002	0.054	25	30
580196010	12	1	1.6	156	1.662	2.002	0.054	25	30







Stock Number	Cond. Size	Cond. Number	Min Bending Radius	Max Pull Tension	DC Resistance @ 25°C	AC Resistance @ 75°C	Inductive Reactance @ 60Hz	Allowable Ampacity At 75°C	Allowable Ampacity At 90°C
	AWG/ Kcmil		inch	lb	Ω/1000ft	Ω/1000ft	Ω/1000ft	Amp	Amp
58019701	12	1	1.6	156	1.662	2.002	0.054	25	30
58019801	12	1	1.6	156	1.662	2.002	0.054	25	30
58019901	12	1	1.6	156	1.662	2.002	0.054	25	30
58020001	12	1	1.6	156	1.662	2.002	0.054	25	30
58193201	12	1	1.6	156	1.662	2.002	0.054	25	30
58386359	12	1	1.6	156	1.662	2.002	0.054	25	30
58610002	12	2	1.6	156	1.662	2.002	0.054	25	30
58610102	12	2	1.6	156	1.662	2.002	0.054	25	30
58612002	12	2	1.6	156	1.662	2.002	0.054	25	30
58724302	12	3	1.6	156	1.662	2.002	0.054	25	30
58536702	12	3	1.6	156	1.662	2.002	0.054	25	30
58139401	12	4	1.6	156	1.662	2.002	0.054	25	30
58103401	12	4	2.0	167	1.662	2.002	0.054	20	24
58117401	12	5	2.6	208	1.662	2.002	0.054	20	24
58104001	12	5	2.6	208	1.662	2.002	0.054	20	24
58120801	12	6	3.1	250	1.662	2.002	0.054	20	24
58120601	12	6	3.1	250	1.662	2.002	0.054	20	24
58118701	12	7	3.6	292	1.662	2.002	0.054	17	21
58104701	12	7	3.6	292	1.662	2.002	0.054	17	21
58020101	10	1	1.2	166	1.040	1.253	0.050	35	40
58020259	10	1	1.2	166	1.040	1.253	0.050	35	40
58020301	10	1	1.2	166	1.040	1.253	0.050	35	40
58020401	10	1	1.2	166	1.040	1.253	0.050	35	40
58020501	10	1	1.2	166	1.040	1.253	0.050	35	40
58020601	10	1	1.2	166	1.040	1.253	0.050	35	40
58020801	10	1	1.2	166	1.040	1.253	0.050	35	40
58021001	10	1	1.2	166	1.040	1.253	0.050	35	40
58021101	10	1	1.2	166	1.040	1.253	0.050	35	40
58021259	10	1	1.2	166	1.040	1.253	0.050	35	40
58021301	10	1	1.2	166	1.040	1.253	0.050	35	40
58021401	10	1	1.2	166	1.040	1.253	0.050	35	40
58021501	10	1	1.2	166	1.040	1.253	0.050	35	40
58021601	10	1	1.2	166	1.040	1.253	0.050	35	40
58021801	10	1	1.2	166	1.040	1.253	0.050	35	40
58021901	10	1	1.2	166	1.040	1.253	0.050	35	40
58022001	10	1	1.2	166	1.040	1.253	0.050	35	40
58022601	10	1	1.2	166	1.040	1.253	0.050	35	40
58105002	10	2	1.2	166	1.040	1.253	0.050	35	40
58105502	10	2	1.2	166	1.040	1.253	0.050	35	40
58920501	10	2	1.2	166	1.040	1.253	0.050	35	40
58920601	10	2	1.2	166	1.040	1.253	0.050	35	40





Stock Number	Cond. Size	Cond. Number	Min Bending Radius	Max Pull Tension	DC Resistance @ 25°C	AC Resistance @ 75°C	Inductive Reactance @ 60Hz	Allowable Ampacity At 75°C	Allowable Ampacity At 90°C
	AWG/ Kcmil		inch	lb	Ω/1000ft	Ω/1000ft	Ω/1000ft	Amp	Amp
58920701	10	2	1.2	166	1.040	1.253	0.050	35	40
58317001	10	3	1.8	249	1.040	1.253	0.050	35	40
58449801	10	3	1.8	249	1.040	1.253	0.050	35	40
58379601	10	3	1.8	249	1.040	1.253	0.050	35	40
58449901	10	3	1.8	249	1.040	1.253	0.050	35	40
58379801	10	3	1.8	249	1.040	1.253	0.050	35	40
58379701	10	3	1.8	249	1.040	1.253	0.050	35	40
58031001	10	4	2.4	265	1.040	1.253	0.050	28	32
58150701	10	4	2.4	265	1.040	1.253	0.050	28	32
58116701	10	5	3.0	332	1.040	1.253	0.050	28	32
58103701	10	5	3.0	332	1.040	1.253	0.050	28	32
58119701	10	6	3.6	398	1.040	1.253	0.050	28	32
58119601	10	6	3.6	398	1.040	1.253	0.050	28	32
58118001	10	7	5.3	465	1.040	1.253	0.050	24	28
58104401	10	7	5.3	465	1.040	1.253	0.050	24	28
58546401	10	1	0.7	83	1.040	1.253	0.050	35	40
58547001	10	1	0.7	83	1.040	1.253	0.050	35	40
58546501	10	1	0.7	83	1.040	1.253	0.050	35	40
65312201	10	1	0.7	83	1.040	1.253	0.050	35	40
59917901	10	1	0.7	83	1.040	1.253	0.050	35	40
58109403	10	2	1.3	166	1.040	1.253	0.050	35	40
58109903	10	2	1.3	166	1.040	1.253	0.050	35	40
58020701	10	1	2.0	249	1.040	1.253	0.050	35	40
58022101	10	1	2.0	249	1.040	1.253	0.050	35	40
58022201	10	1	2.0	249	1.040	1.253	0.050	35	40
58022301	10	1	2.0	249	1.040	1.253	0.050	35	40
58022701	10	1	2.0	249	1.040	1.253	0.050	35	40
58025001	10	1	2.0	249	1.040	1.253	0.050	35	40
58025101	10	1	2.0	249	1.040	1.253	0.050	35	40
58025201	10	1	2.0	249	1.040	1.253	0.050	35	40
58025301	10	1	2.0	249	1.040	1.253	0.050	35	40
58025401	10	1	2.0	249	1.040	1.253	0.050	35	40
58025501	10	1	2.0	249	1.040	1.253	0.050	35	40
58025601	10	1	2.0	249	1.040	1.253	0.050	35	40
58025701	10	1	2.0	249	1.040	1.253	0.050	35	40
58025901	10	1	2.0	249	1.040	1.253	0.050	35	40
58026007	10	1	2.0	249	1.040	1.253	0.050	35	40
58026107	10	1	2.0	249	1.040	1.253	0.050	35	40
58026207	10	1	2.0	249	1.040	1.253	0.050	35	40
58193001	10	1	2.0	249	1.040	1.253	0.050	35	40
59805001	10	1	2.0	249	1.040	1.253	0.050	35	40





Stock Number	Cond. Size	Cond. Number	Min Bending Radius	Max Pull Tension	DC Resistance @ 25°C	AC Resistance @ 75°C	Inductive Reactance @ 60Hz	Allowable Ampacity At 75°C	Allowable Ampacity At 90°C
	AWG/ Kcmil		inch	lb	Ω/1000ft	Ω/1000ft	Ω/1000ft	Amp	Amp
58725403	10	2	2.0	249	1.040	1.253	0.050	35	40
58725502	10	2	2.0	249	1.040	1.253	0.050	35	40
58725602	10	2	2.0	249	1.040	1.253	0.050	35	40
58725702	10	2	2.0	249	1.040	1.253	0.050	35	40
59306202	10	2	2.0	249	1.040	1.253	0.050	35	40
58318301	10	3	2.0	249	1.040	1.253	0.050	35	40
58711001	10	3	2.0	249	1.040	1.253	0.050	35	40
58710901	10	3	2.0	249	1.040	1.253	0.050	35	40
58711101	10	3	2.0	249	1.040	1.253	0.050	35	40
58620401	10	3	2.0	249	1.040	1.253	0.050	35	40
58114301	10	3	2.0	249	1.040	1.253	0.050	35	40
58030401	10	3	2.0	249	1.040	1.253	0.050	35	40
58138501	10	4	2.0	249	1.040	1.253	0.050	35	40
58620501	10	3	2.0	249	1.040	1.253	0.050	35	40
67188501	10	3	2.0	249	1.040	1.253	0.050	35	40
58115501	10	4	2.6	265	1.040	1.253	0.050	28	32
58031101	10	4	2.6	265	1.040	1.253	0.050	28	32
58103801	10	5	3.3	332	1.040	1.253	0.050	28	32
58120101	10	6	3.9	398	1.040	1.253	0.050	28	32
58120001	10	6	3.9	398	1.040	1.253	0.050	28	32
58118301	10	7	5.7	465	1.040	1.253	0.050	24	28
58104501	10	7	5.7	465	1.040	1.253	0.050	24	28
58526001	8	2	1.7	264	0.653	0.786	0.052	50	55
58524803	8	3	2.6	396	0.653	0.786	0.052	50	55
58384801	8	4	3.4	422	0.653	0.786	0.052	40	44

\* Ampacities based upon 2023 NEC Table 310.16 and do not take into account the overcurrent protection limitations in NEC 240.4(D) of 15 Amps for 14 AWG CU, 20 Amps for 12 AWG CU, and 30 Amps for 10 AWG CU (independent of the conductor temperature rating and stranding if size is present in table). Also, see NEC sections 310.15 and 110.14(C) for additional requirements.

\* Inductive Reactance is based on non-ferrous conduit with one diameter spacing center-to-center.

**Table 3 - One Conductor Stock Code Colors ( / means stripe. Blue/White: Blue with White Stripe)**

Size (Strand)	Cond. Number	Blue	Blue/Brown	Black	Brown	Green	Gray	Gray/Brown	Gray/Orange	Gray/Yellow
12 (Solid)	1	58026701		58026501	58026801	58027101	58026901			
12 (19)	1	58018401		58018201	58018501	58019501	58018601			
10 (Solid)	1	58020401		58020301	58020501	58021101		58022601	58020801	58021001
10 (19)	1	58022201	65312201	58022101	58022301		58025001	58020701	58025701	58025901





**Table 3 Cont. - One Conductor Stock Code Colors ( / means stripe. Blue/White: Blue with White Stripe)**

Size (Strand)	Cond. Number	Orange	Purple	Pink	Red	Red/Yellow	White	White/Blue	White/Black	White/Red	Yellow
14 (Solid)	1						58029405				
14 (19)	1		58017801								
12 (Solid)	1	58027201	58026401	58193101	58027301			58028158	58028058	58028358	58027601
12 (19)	1	58019601	58019701		58019801		58019901				58020001
10 (Solid)	1	58021301			58021401			58021801	58021601	58021901	58022001
10 (19)	1	58025201	58025301		58025401	59917901	58025501	58026107	58026007	58026207	

**Table 4 - Two Conductor Stock Code Colors ( / means stripe. Blue/White: Blue with White Stripe)**

Size (Strand)	Cond. Number	Black, White	Blue, White/Blue	Black, White/Black	Brown, Gray/Brown	Orange, Gray/Orange	Red, White/Red	Yellow, Gray/Yellow
12 (Solid)	2		58614502	58619402	58110302	58110502	58614402	58111002
12 (19)	2		58111202	58260302	58612002	58610002	58111802	58610102
10 (Solid)	2		58105002	58029702			58105502	
10 (19)	2			58725102	58725702	58725502	58109903	58725602
8 (19)	2	58526001						

**Table 5 - Three Conductor Stock Code Colors ( / means stripe. Blue/White: Blue with White Stripe)**

Size (Strand)	Cond. Number	Blue, White/Blue, Green	Black, White/Black, Green	Brown, Gray/Brown, Green	Brown, Orange, Yellow	Orange, Gray/Orange, Green	Purple, Gray/Purple, Green	Red, White/Red, Green
12 (Solid)	3	58536102	58536002	58536202		58536302		58536502
12 (19)	3		58536702		58724302			
10 (Solid)	3	58449901	58317001	58379601		58379701		58449801
10 (19)	3	58620501	58318301	58710901	58114301	58711001	67188501	58620401
8 (19)	3				58524803			

**Table 6 - Four and Five Conductor Stock Code Colors ( / means stripe. Blue/White: Blue with White Stripe)**

Size (Strand)	Cond. Number	Black, Red, Blue, White	Black, White, Red, Blue	Brown, Orange, Yellow, GN	Brown, Orange, Yellow, Gray	Black, Red, Blue, White, Green	Brown, Orange, Yellow, Gray, Green
12 (Solid)	4			58150601			
12 (19)	4	58103401		58139401			
10 (Solid)	4			58150701			
10 (19)	4	58031101		58138501	58115501		
8 (19)	4		58384801				
12 (Solid)	5					58103901	
12 (19)	5					58104001	58117401
10 (Solid)	5					58103701	58116701
10 (19)	5					58103801	





**Table 7 - Six and Seven Conductor Stock Code Colors ( / means stripe. Blue/White: Blue with White Stripe)**

Size (Strand)	Cond. Number	Black, Red, Blue, White/Black, White/Red, White/Blue	Black, Red, Blue, White/Black, White/Red, White/Blue, Green	Brown, Orange, Yellow, Gray/Brown, Gray/OE, Gray/Yellow	Brown, Orange, Yellow, Gray/Brown, Gray/OE, Gray/Yellow, Green	Red, Red, Red, Red, Red, Red
14 (19)	6					58735001
12 (Solid)	6	58120301		58120401		
12 (19)	6	58120801				
10 (Solid)	6	58119601		58119701		
10 (19)	6	58120101		58120001		
12 (Solid)	7		58104601		58118501	
12 (19)	7		58118701		58104701	
10 (Solid)	7		58104401		58118001	
10 (19)	7		58118301		58104501	

