



## SIMpull CoilPAK™ Wire Payoff

Work smarter with the SIMpull CoilPAK™ Wire Payoff by reducing the physical effort associated with material handling, setup, and pulling compared to traditional spools, increasing both safety and productivity on the job.



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® Technology
4. For information about our SIMpull CoilPAK™ Wire Payoff please visit us at: [SIMpull CoilPAK™ Wire Payoff](#)

### APPLICATIONS AND FEATURES:

The SIMpull CoilPAK™ Wire Payoff provides greater versatility and efficiency to branch circuit installations, eliminating the need for handling bulky spools and all the setup and energy that go along with them. SIMpull CoilPAK™ Wire Payoffs increase both safety and productivity by reducing the physical effort associated with material handling, pulling wire out of the package, and pulling wire through conduit.

### 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
580622050	14	1	Solid	0.064	16	5	0.106	12	15
580286050	14	1	Solid	0.064	16	5	0.106	12	15
580291050	14	1	Solid	0.064	16	5	0.106	12	15
580289050	14	1	Solid	0.064	16	5	0.106	12	15
580295050	14	1	Solid	0.064	16	5	0.106	12	15
580292050	14	1	Solid	0.064	16	5	0.106	12	15
580288050	14	1	Solid	0.064	16	5	0.106	12	15
580294050	14	1	Solid	0.064	16	5	0.106	12	15
580287050	14	1	Solid	0.064	16	5	0.106	12	15
580293050	14	1	Solid	0.064	16	5	0.106	12	15
580285050	14	1	Solid	0.064	16	5	0.106	12	15
581899050	14	1	19	0.073	16	5	0.113	12	16
581898050	14	1	19	0.073	16	5	0.113	12	16
580178050	14	1	19	0.073	16	5	0.113	12	16
580176050	14	1	19	0.073	16	5	0.113	12	16
580173050	14	1	19	0.073	16	5	0.113	12	16
580181050	14	1	19	0.073	16	5	0.113	12	16
580177050	14	1	19	0.073	16	5	0.113	12	16
580172050	14	1	19	0.073	16	5	0.113	12	16
580180050	14	1	19	0.073	16	5	0.113	12	16
580171050	14	1	19	0.073	16	5	0.113	12	16
580179050	14	1	19	0.073	16	5	0.113	12	16
580170050	14	1	19	0.073	16	5	0.113	12	16
580176060	14	1	19	0.073	16	5	0.113	12	16
581933050	14	1	19	0.073	16	5	0.113	12	16
580279050	12	1	Solid	0.080	16	5	0.122	19	23
580263050	12	1	Solid	0.080	16	5	0.122	19	23
580278050	12	1	Solid	0.080	16	5	0.122	19	23
580277050	12	1	Solid	0.080	16	5	0.122	19	23
584566050	12	1	Solid	0.080	16	5	0.122	19	23
580283050	12	1	Solid	0.080	16	5	0.122	19	23
580281050	12	1	Solid	0.080	16	5	0.122	19	23
580280050	12	1	Solid	0.080	16	5	0.122	19	23
581931050	12	1	Solid	0.080	16	5	0.122	19	23
580264050	12	1	Solid	0.080	16	5	0.122	19	23
580271050	12	1	Solid	0.080	16	5	0.122	19	23
580269050	12	1	Solid	0.080	16	5	0.122	19	23
580276050	12	1	Solid	0.080	16	5	0.122	19	23
580272050	12	1	Solid	0.080	16	5	0.122	19	23
580268050	12	1	Solid	0.080	16	5	0.122	19	23





Stock Number	Cond. Size	Cond. Number	Strand Count	Diameter Over Conductor	Insul. Thickness	Jacket Thickness	Approx. OD	Copper Weight	Approx. Weight
	AWG/Kcmil			inch					
58027505	12	1	Solid	0.080	16	5	0.122	19	23
58026705	12	1	Solid	0.080	16	5	0.122	19	23
58027305	12	1	Solid	0.080	16	5	0.122	19	23
58026505	12	1	Solid	0.080	16	5	0.122	19	23
58026404	12	1	Solid	0.080	16	5	0.122	19	23
58026504	12	1	Solid	0.080	16	5	0.122	19	23
58026704	12	1	Solid	0.080	16	5	0.122	19	23
58026804	12	1	Solid	0.080	16	5	0.122	19	23
58026904	12	1	Solid	0.080	16	5	0.122	19	23
58027104	12	1	Solid	0.080	16	5	0.122	19	23
58027204	12	1	Solid	0.080	16	5	0.122	19	23
58027304	12	1	Solid	0.080	16	5	0.122	19	23
58027504	12	1	Solid	0.080	16	5	0.122	19	23
58027604	12	1	Solid	0.080	16	5	0.122	19	23
58027704	12	1	Solid	0.080	16	5	0.122	19	23
58027804	12	1	Solid	0.080	16	5	0.122	19	23
58027904	12	1	Solid	0.080	16	5	0.122	19	23
58028004	12	1	Solid	0.080	16	5	0.122	19	23
58028104	12	1	Solid	0.080	16	5	0.122	19	23
58028304	12	1	Solid	0.080	16	5	0.122	19	23
58193104	12	1	Solid	0.080	16	5	0.122	19	23
58456604	12	1	Solid	0.080	16	5	0.122	19	23
58614504	12	2	Solid	0.080	16	5	0.122	19	23
58614704	12	2	Solid	0.080	16	5	0.122	19	23
58614804	12	2	Solid	0.080	16	5	0.122	19	23
58619404	12	2	Solid	0.080	16	5	0.122	19	23
58619504	12	2	Solid	0.080	16	5	0.122	19	23
58614401	12	2	Solid	0.080	15	5	0.245	39	47
58614404	12	2	Solid	0.080	15	5	0.245	39	47
13937005	12	2	Solid	0.080	15	5	0.245	39	47
58389701	12	3	Solid	0.080	15	5	0.245	39	47
58389703	12	3	Solid	0.080	15	5	0.245	39	47
58018805	12	1	19	0.090	16	5	0.132	20	24
58019005	12	1	19	0.090	16	5	0.132	20	24
58018905	12	1	19	0.090	16	5	0.132	20	24
58386305	12	1	19	0.090	16	5	0.132	20	24
58019405	12	1	19	0.090	16	5	0.132	20	24
58019305	12	1	19	0.090	16	5	0.132	20	24
58019205	12	1	19	0.090	16	5	0.132	20	24
58193205	12	1	19	0.090	16	5	0.132	20	24
58019505	12	1	19	0.090	16	5	0.132	20	24
58020005	12	1	19	0.090	16	5	0.132	20	24





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
580196050	12	1	19	0.090	16	5	0.132	20	24
580199050	12	1	19	0.090	16	5	0.132	20	24
580184050	12	1	19	0.090	16	5	0.132	20	24
580198050	12	1	19	0.090	16	5	0.132	20	24
580182040	12	1	19	0.090	15	5	0.132	20	24
580182050	12	1	19	0.090	16	5	0.132	20	24
580184040	12	1	19	0.090	15	5	0.132	20	24
580185040	12	1	19	0.090	15	5	0.132	20	24
580186040	12	1	19	0.090	15	5	0.132	20	24
580187040	12	1	19	0.090	15	5	0.132	20	24
580189040	12	1	19	0.090	15	5	0.132	20	24
580190040	12	1	19	0.090	15	5	0.132	20	24
580192040	12	1	19	0.090	15	5	0.132	20	24
580193040	12	1	19	0.090	15	5	0.132	20	24
580194040	12	1	19	0.090	15	5	0.132	20	24
580195040	12	1	19	0.090	15	5	0.132	20	24
580196040	12	1	19	0.090	15	5	0.132	20	24
580197040	12	1	19	0.090	15	5	0.132	20	24
580198040	12	1	19	0.090	15	5	0.132	20	24
580199040	12	1	19	0.090	15	5	0.132	20	24
580200040	12	1	19	0.090	15	5	0.132	20	24
581932040	12	1	19	0.090	15	5	0.132	20	24
583863040	12	1	19	0.090	15	5	0.132	20	24
580187050	12	1	19	0.090	15	5	0.132	20	24
580186050	12	1	19	0.090	15	5	0.132	20	24
580197050	12	1	19	0.090	15	5	0.132	20	24
580185050	12	1	19	0.090	15	5	0.132	20	24
586097040	12	2	19	0.090	15	5	0.132	20	24
586100040	12	2	19	0.090	15	5	0.132	20	24
586101040	12	2	19	0.090	15	5	0.132	20	24
586120040	12	2	19	0.090	15	5	0.132	20	24
586095010	12	2	19	0.090	15	5	0.260	40	48
586095040	12	2	19	0.090	15	5	0.260	40	48
586096040	12	2	19	0.090	15	5	0.260	40	48
584533010	12	3	19	0.090	15	5	0.260	40	48
584533030	12	3	19	0.090	15	5	0.260	40	48
580201050	10	1	Solid	0.101	21	5	0.153	30	36
580210050	10	1	Solid	0.101	21	5	0.153	30	36
580208050	10	1	Solid	0.101	21	5	0.153	30	36
580226050	10	1	Solid	0.101	21	5	0.153	30	36
580212050	10	1	Solid	0.101	21	5	0.153	30	36
580219050	10	1	Solid	0.101	21	5	0.153	30	36





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
58021805	10	1	Solid	0.101	21	5	0.153	30	36
58021605	10	1	Solid	0.101	21	5	0.153	30	36
58020205	10	1	Solid	0.101	21	5	0.153	30	36
58021105	10	1	Solid	0.101	21	5	0.153	30	36
58020605	10	1	Solid	0.101	21	5	0.153	30	36
58022005	10	1	Solid	0.101	21	5	0.153	30	36
58021305	10	1	Solid	0.101	21	5	0.153	30	36
58020505	10	1	Solid	0.101	21	5	0.153	30	36
58021505	10	1	Solid	0.101	21	5	0.153	30	36
58020405	10	1	Solid	0.101	21	5	0.153	30	36
58021405	10	1	Solid	0.101	21	5	0.153	30	36
58020305	10	1	Solid	0.101	21	5	0.153	30	36
58029705	10	2	Solid	0.101	20	5	0.303	61	72
58022705	10	1	19	0.117	21	5	0.165	32	38
58025905	10	1	19	0.117	21	5	0.165	32	38
58025705	10	1	19	0.117	21	5	0.165	32	38
58020705	10	1	19	0.117	21	5	0.165	32	38
58456705	10	1	19	0.117	21	5	0.165	32	38
58026205	10	1	19	0.117	21	5	0.165	32	38
58026105	10	1	19	0.117	21	5	0.165	32	38
58026005	10	1	19	0.117	21	5	0.165	32	38
58193005	10	1	19	0.117	21	5	0.165	32	38
58025305	10	1	19	0.117	21	5	0.165	32	38
58025005	10	1	19	0.117	21	5	0.165	32	38
58022305	10	1	19	0.117	21	5	0.165	32	38
58025505	10	1	19	0.117	21	5	0.165	32	38
58022205	10	1	19	0.117	21	5	0.165	32	38
58025405	10	1	19	0.117	21	5	0.165	32	38
58022105	10	1	19	0.117	21	5	0.165	32	38
58025205	10	1	19	0.117	20	5	0.165	32	38
58025605	10	1	19	0.117	20	5	0.165	32	38
58025105	10	1	19	0.117	20	5	0.165	32	38
59805002	10	1	19	0.117	20	5	0.165	32	38
58725101	10	2	19	0.117	20	5	0.326	64	76
58619401	12	2	Solid	0.080	15	5	0.245	39	47
58614801	12	2	Solid	0.080	15	5	0.245	39	47
58619501	12	2	Solid	0.080	15	5	0.245	39	47
58614701	12	2	Solid	0.080	15	5	0.245	39	47
58614501	12	2	Solid	0.080	15	5	0.245	39	47
58609701	12	2	19	0.090	15	5	0.260	40	48
58610101	12	2	19	0.090	15	5	0.260	40	48
58610001	12	2	19	0.090	15	5	0.260	40	48





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
58609601◇	12	2	19	0.090	15	5	0.260	40	48
58612001◇	12	2	19	0.090	15	5	0.260	40	48
58105505◇	10	2	Solid	0.101	20	5	0.303	61	72
58105005◇	10	2	Solid	0.101	20	5	0.303	61	72
58920505◇	10	2	Solid	0.101	20	5	0.303	61	72
58920605◇	10	2	Solid	0.101	20	5	0.303	61	72
58920705◇	10	2	Solid	0.101	20	5	0.303	61	72
58725501◇	10	2	19	0.117	20	5	0.326	64	76
58725601◇	10	2	19	0.117	20	5	0.326	64	76
58725701◇	10	2	19	0.117	20	5	0.326	64	76
58725201◇	10	2	19	0.117	20	5	0.326	64	76
59306201◇	10	2	19	0.117	20	5	0.326	64	76
58725401◇	10	2	19	0.117	20	5	0.330	64	77
59799501◇	10	3	19	0.117	20	5	0.483	96	114
58114302◇	10	3	19	0.117	20	5	0.489	96	115
58139402◇	12	4	19	0.090	15	5	0.520	80	97
58138504◇	10	4	19	0.117	20	5	0.652	128	153

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
580622050	14	1	0.4	32	2.631	3.170	0.058	20	25
580286050	14	1	0.4	32	2.631	3.170	0.058	20	25
580291050	14	1	0.4	32	2.631	3.170	0.058	20	25
580289050	14	1	0.4	32	2.631	3.170	0.058	20	25
580295050	14	1	0.4	32	2.631	3.170	0.058	20	25
580292050	14	1	0.4	32	2.631	3.170	0.058	20	25
580288050	14	1	0.4	32	2.631	3.170	0.058	20	25
580294050	14	1	0.4	32	2.631	3.170	0.058	20	25
580287050	14	1	0.4	32	2.631	3.170	0.058	20	25
580293050	14	1	0.4	32	2.631	3.170	0.058	20	25
580285050	14	1	0.4	32	2.631	3.170	0.058	20	25
581899050	14	1	0.5	32	2.631	3.170	0.058	20	25
581898050	14	1	0.5	32	2.631	3.170	0.058	20	25
580178050	14	1	0.5	32	2.631	3.170	0.058	20	25
580176050	14	1	0.5	32	2.631	3.170	0.058	20	25
580173050	14	1	0.5	32	2.631	3.170	0.058	20	25
580181050	14	1	0.5	32	2.631	3.170	0.058	20	25
580177050	14	1	0.5	32	2.631	3.170	0.058	20	25
580172050	14	1	0.5	32	2.631	3.170	0.058	20	25
580180050	14	1	0.5	32	2.631	3.170	0.058	20	25
580171050	14	1	0.5	32	2.631	3.170	0.058	20	25
580179050	14	1	0.5	32	2.631	3.170	0.058	20	25
580170050	14	1	0.5	32	2.631	3.170	0.058	20	25
580176060	14	1	0.5	32	2.631	3.170	0.058	20	25
581933050	14	1	0.5	32	2.631	3.170	0.058	20	25
580279050	12	1	0.5	52	1.662	2.002	0.054	25	30
580263050	12	1	0.5	52	1.662	2.002	0.054	25	30
580278050	12	1	0.5	52	1.662	2.002	0.054	25	30
580277050	12	1	0.5	52	1.662	2.002	0.054	25	30
584566050	12	1	0.5	52	1.662	2.002	0.054	25	30
580283050	12	1	0.5	52	1.662	2.002	0.054	25	30
580281050	12	1	0.5	52	1.662	2.002	0.054	25	30
580280050	12	1	0.5	52	1.662	2.002	0.054	25	30
581931050	12	1	0.5	52	1.662	2.002	0.054	25	30
580264050	12	1	0.5	52	1.662	2.002	0.054	25	30
580271050	12	1	0.5	52	1.662	2.002	0.054	25	30
580269050	12	1	0.5	52	1.662	2.002	0.054	25	30
580276050	12	1	0.5	52	1.662	2.002	0.054	25	30
580272050	12	1	0.5	52	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
580268050	12	1	0.5	52	1.662	2.002	0.054	25	30
580275050	12	1	0.5	52	1.662	2.002	0.054	25	30
580267050	12	1	0.5	52	1.662	2.002	0.054	25	30
580273050	12	1	0.5	52	1.662	2.002	0.054	25	30
580265050	12	1	0.5	52	1.662	2.002	0.054	25	30
580264040	12	1	0.5	52	1.662	2.002	0.054	25	30
580265040	12	1	0.5	52	1.662	2.002	0.054	25	30
580267040	12	1	0.5	52	1.662	2.002	0.054	25	30
580268040	12	1	0.5	52	1.662	2.002	0.054	25	30
580269040	12	1	0.5	52	1.662	2.002	0.054	25	30
580271040	12	1	0.5	52	1.662	2.002	0.054	25	30
580272040	12	1	0.5	52	1.662	2.002	0.054	25	30
580273040	12	1	0.5	52	1.662	2.002	0.054	25	30
580275040	12	1	0.5	52	1.662	2.002	0.054	25	30
580276040	12	1	0.5	52	1.662	2.002	0.054	25	30
580277040	12	1	0.5	52	1.662	2.002	0.054	25	30
580278040	12	1	0.5	52	1.662	2.002	0.054	25	30
580279040	12	1	0.5	52	1.662	2.002	0.054	25	30
580280040	12	1	0.5	52	1.662	2.002	0.054	25	30
580281040	12	1	0.5	52	1.662	2.002	0.054	25	30
580283040	12	1	0.5	52	1.662	2.002	0.054	25	30
581931040	12	1	0.5	52	1.662	2.002	0.054	25	30
584566040	12	1	0.5	52	1.662	2.002	0.054	25	30
586145040	12	2	0.5	52	1.662	2.002	0.054	25	30
586147040	12	2	0.5	52	1.662	2.002	0.054	25	30
586148040	12	2	0.5	52	1.662	2.002	0.054	25	30
586194040	12	2	0.5	52	1.662	2.002	0.054	25	30
586195040	12	2	0.5	52	1.662	2.002	0.054	25	30
586144010	12	2	1.0	104	1.662	2.002	0.054	25	30
586144040	12	2	1.0	104	1.662	2.002	0.054	25	30
139370050	12	2	1.0	104	1.662	2.002	0.054	25	30
583897010	12	3	1.0	104	1.662	2.002	0.054	25	30
583897030	12	3	1.0	104	1.662	2.002	0.054	25	30
580188050	12	1	0.5	52	1.662	2.002	0.054	25	30
580190050	12	1	0.5	52	1.662	2.002	0.054	25	30
580189050	12	1	0.5	52	1.662	2.002	0.054	25	30
583863050	12	1	0.5	52	1.662	2.002	0.054	25	30
580194050	12	1	0.5	52	1.662	2.002	0.054	25	30
580193050	12	1	0.5	52	1.662	2.002	0.054	25	30
580192050	12	1	0.5	52	1.662	2.002	0.054	25	30
581932050	12	1	0.5	52	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
58019505	12	1	0.5	52	1.662	2.002	0.054	25	30
58020005	12	1	0.5	52	1.662	2.002	0.054	25	30
58019605	12	1	0.5	52	1.662	2.002	0.054	25	30
58019905	12	1	0.5	52	1.662	2.002	0.054	25	30
58018405	12	1	0.5	52	1.662	2.002	0.054	25	30
58019805	12	1	0.5	52	1.662	2.002	0.054	25	30
58018204	12	1	0.5	52	1.662	2.002	0.054	25	30
58018205	12	1	0.5	52	1.662	2.002	0.054	25	30
58018404	12	1	0.5	52	1.662	2.002	0.054	25	30
58018504	12	1	0.5	52	1.662	2.002	0.054	25	30
58018604	12	1	0.5	52	1.662	2.002	0.054	25	30
58018704	12	1	0.5	52	1.662	2.002	0.054	25	30
58018904	12	1	0.5	52	1.662	2.002	0.054	25	30
58019004	12	1	0.5	52	1.662	2.002	0.054	25	30
58019204	12	1	0.5	52	1.662	2.002	0.054	25	30
58019304	12	1	0.5	52	1.662	2.002	0.054	25	30
58019404	12	1	0.5	52	1.662	2.002	0.054	25	30
58019504	12	1	0.5	52	1.662	2.002	0.054	25	30
58019604	12	1	0.5	52	1.662	2.002	0.054	25	30
58019704	12	1	0.5	52	1.662	2.002	0.054	25	30
58019804	12	1	0.5	52	1.662	2.002	0.054	25	30
58019904	12	1	0.5	52	1.662	2.002	0.054	25	30
58020004	12	1	0.5	52	1.662	2.002	0.054	25	30
58193204	12	1	0.5	52	1.662	2.002	0.054	25	30
58386304	12	1	0.5	52	1.662	2.002	0.054	25	30
58018705	12	1	0.5	52	1.662	2.002	0.054	25	30
58018605	12	1	0.5	52	1.662	2.002	0.054	25	30
58019705	12	1	0.5	52	1.662	2.002	0.054	25	30
58018505	12	1	0.5	52	1.662	2.002	0.054	25	30
58609704	12	2	0.5	52	1.662	2.002	0.054	25	30
58610004	12	2	0.5	52	1.662	2.002	0.054	25	30
58610104	12	2	0.5	52	1.662	2.002	0.054	25	30
58612004	12	2	0.5	52	1.662	2.002	0.054	25	30
58609501	12	2	1.0	104	1.662	2.002	0.054	25	30
58609504	12	2	1.0	104	1.662	2.002	0.054	25	30
58609604	12	2	1.0	104	1.662	2.002	0.054	25	30
58453301	12	3	1.0	104	1.662	2.002	0.054	25	30
58453303	12	3	1.0	104	1.662	2.002	0.054	25	30
58020105	10	1	0.6	83	1.040	1.253	0.050	35	40
58021005	10	1	0.6	83	1.040	1.253	0.050	35	40
58020805	10	1	0.6	83	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
580226050	10	1	0.6	83	1.040	1.253	0.050	35	40
580212050	10	1	0.6	83	1.040	1.253	0.050	35	40
580219050	10	1	0.6	83	1.040	1.253	0.050	35	40
580218050	10	1	0.6	83	1.040	1.253	0.050	35	40
580216050	10	1	0.6	83	1.040	1.253	0.050	35	40
580202050	10	1	0.6	83	1.040	1.253	0.050	35	40
580211050	10	1	0.6	83	1.040	1.253	0.050	35	40
580206050	10	1	0.6	83	1.040	1.253	0.050	35	40
580220050	10	1	0.6	83	1.040	1.253	0.050	35	40
580213050	10	1	0.6	83	1.040	1.253	0.050	35	40
580205050	10	1	0.6	83	1.040	1.253	0.050	35	40
580215050	10	1	0.6	83	1.040	1.253	0.050	35	40
580204050	10	1	0.6	83	1.040	1.253	0.050	35	40
580214050	10	1	0.6	83	1.040	1.253	0.050	35	40
580203050	10	1	0.6	83	1.040	1.253	0.050	35	40
580297050	10	2	1.2	166	1.040	1.253	0.050	35	40
580227050	10	1	0.7	83	1.040	1.253	0.050	35	40
580259050	10	1	0.7	83	1.040	1.253	0.050	35	40
580257050	10	1	0.7	83	1.040	1.253	0.050	35	40
580207050	10	1	0.7	83	1.040	1.253	0.050	35	40
584567050	10	1	0.7	83	1.040	1.253	0.050	35	40
580262050	10	1	0.7	83	1.040	1.253	0.050	35	40
580261050	10	1	0.7	83	1.040	1.253	0.050	35	40
580260050	10	1	0.7	83	1.040	1.253	0.050	35	40
581930050	10	1	0.7	83	1.040	1.253	0.050	35	40
580253050	10	1	0.7	83	1.040	1.253	0.050	35	40
580250050	10	1	0.7	83	1.040	1.253	0.050	35	40
580223050	10	1	0.7	83	1.040	1.253	0.050	35	40
580255050	10	1	0.7	83	1.040	1.253	0.050	35	40
580222050	10	1	0.7	83	1.040	1.253	0.050	35	40
580254050	10	1	0.7	83	1.040	1.253	0.050	35	40
580221050	10	1	0.7	83	1.040	1.253	0.050	35	40
580252050	10	1	0.7	83	1.040	1.253	0.050	35	40
580256050	10	1	0.7	83	1.040	1.253	0.050	35	40
580251050	10	1	0.7	83	1.040	1.253	0.050	35	40
598050020	10	1	0.7	83	1.040	1.253	0.050	35	40
587251010	10	2	1.3	166	1.040	1.253	0.050	35	40
586194010	12	2	1.0	104	1.662	2.002	0.054	25	30
586148010	12	2	1.0	104	1.662	2.002	0.054	25	30
586195010	12	2	1.0	104	1.662	2.002	0.054	25	30
586147010	12	2	1.0	104	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
58614501◇	12	2	1.0	104	1.662	2.002	0.054	25	30
58609701◇	12	2	1.0	104	1.662	2.002	0.054	25	30
58610101◇	12	2	1.0	104	1.662	2.002	0.054	25	30
58610001◇	12	2	1.0	104	1.662	2.002	0.054	25	30
58609601◇	12	2	1.0	104	1.662	2.002	0.054	25	30
58612001◇	12	2	1.0	104	1.662	2.002	0.054	25	30
58105505◇	10	2	1.2	166	1.040	1.253	0.050	35	40
58105005◇	10	2	1.2	166	1.040	1.253	0.050	35	40
58920505◇	10	2	1.2	166	1.040	1.253	0.050	35	40
58920605◇	10	2	1.2	166	1.040	1.253	0.050	35	40
58920705◇	10	2	1.2	166	1.040	1.253	0.050	35	40
58725501◇	10	2	1.3	166	1.040	1.253	0.050	35	40
58725601◇	10	2	1.3	166	1.040	1.253	0.050	35	40
58725701◇	10	2	1.3	166	1.040	1.253	0.050	35	40
58725201◇	10	2	1.3	166	1.040	1.253	0.050	35	40
59306201◇	10	2	1.3	166	1.040	1.253	0.050	35	40
58725401◇	10	2	1.3	166	1.040	1.253	0.050	35	40
59799501◇	10	3	1.9	249	1.040	1.253	0.050	35	40
58114302◇	10	3	2.0	249	1.040	1.253	0.050	35	40
58139402◇	12	4	2.1	167	1.662	2.002	0.054	20	24
58138504◇	10	4	2.6	265	1.040	1.253	0.050	28	32

\* 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	Black	Brown	Green	Green/Yellow	Gray	Gray/Brown	Gray/Orange	Gray/Purple	Gray/Yellow
14 (Solid)	1	58028705	58028505	58028805	58029105		58028905				
14 (19)	1	58017105	58017005	58017205	58017605		58017305				
12 (Solid)	1	58026705	58026505	58026805	58027105	58456605	58026905	58027705	58027805	58026305	58027905
12 (19)	1	58018405	58018205	58018505	58019505	58386305	58018605	58018705	58018905	58018805	58019005
10 (Solid)	1	58020405	58020305	58020505	58021105	58021205	58020605	58022605	58020805		58021005
10 (19)	1	58022205	58022105	58022305	58025105	58456705	58025005	58020705	58025705	58022705	58025905





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

Size (Strand)	Cond. Number	Orange	Purple	Pink	Red	Tan	White	White/Blue	White/Black	White/Red	Yellow
14 (Solid)	1	58029205	58028605		58029305		58029405				58029505
14 (19)	1	58017705	58017805	58193305	58017905		58018005				58018105
12 (Solid)	1	58027205	58026405	58193105	58027305		58027505	58028105	58028005	58028305	58027605
12 (19)	1	58019605	58019705	58193205	58019805		58019905	58019305	58019205	58019405	58020005
10 (Solid)	1	58021305	58020205		58021405		58021505	58021805	58021605	58021905	58022005
10 (19)	1	58025205	58025305	58193005	58025405	59805002	58025505	58026105	58026005	58026205	58025605

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

Size (Strand)	Cond. Number	Blue, White/Blue	Black, Red	Black, White/Black	Brown, Gray/Brown	Orange, Gray/Orange	Red, White/Red	Yellow, Gray/Yellow	Brown, Orange, Yellow	Black, Red, Green	Black, White, Green	Brown, Orange, Yellow, Green
12 (Solid)	2	58614501		58619401	58619501	58614701	58614401	58614801				
12 (19)	2	58609701		58609501	58612001	58610001	58609601	58610101				
10 (Solid)	2	58105005		58029705	58920505	58920705	58105505	58920605				
10 (19)	2	58725401	59306201	58725101	58725701	58725501	58725201	58725601				
12(Solid)	3										58389701	
12(19)	3										58453301	
10(19)	3								58114302	59799501		
12(19)	4											58139402
10(19)	4											58138504

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

Size (Strand)	Cond. Number	Blue	Black	Brown	Green	Green/Yellow	Gray
12 (Solid)	1	58026704	58026504	58026804	58027104	58456604	58026904
12 (19)	1	58018404	58018204	58018504	58019504	58386304	58018604

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

Size (Strand)	Cond. Number	Orange	Purple	Pink	Red	White	White/Blue	White/Black	White/Red	Yellow
12 (Solid)	1	58027204			58027304	58027504	58028104	58028004	58028304	58027604
12 (19)	1	58019604	58019704	58193204	58019804	58019904	58019304	58019204	58019404	58020004

**Table 6 - MINI Multi Conductor Stock Code Colors (/ means stripe. Blue/White: Blue with White Stripe)**

Size (Strand)	Cond. Number	Blue, White/Blue	Black, White/Black	Brown, Gray/Brown	Orange, Gray/Orange	Red, White/Red	Yellow, Gray/Yellow	Black, White, Green
12 (Solid)	2	58614504	58619404			58614404		
12 (19)	2	58609704	58609504	58612004	58610004	58609604	58610104	
12 (Solid)	3							58389703
12 (19)	3							58453303

