

SIMpull CoilPAK™ Wire Payoff



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

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	Cond. Strands	Diameter Over Conductor	Insul. Thickness	Approx. OD	Approx. Weight
	AWG/Kcmil	No.	No.	inch	mil	inch	lb/1000ft
586144◇	12	2	Solid	0.080	20	0.245	47

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

Cond. Size	DC Resistance @ 25°C	AC Resistance @ 90°C	Inductive Reactance	Min Bending Radius	Allowable Ampacity At 60°C	Allowable Ampacity At 75°C	Allowable Ampacity At 90°C
AWG/Kcmil	Ω/1000ft	Ω/1000ft	Ω/1000ft	inch	Amp	Amp	Amp
12	1.662	2.002	0.054	0.9	20	25	30

* Inductive impedance is based on non-ferrous conduit with one diameter spacing.

