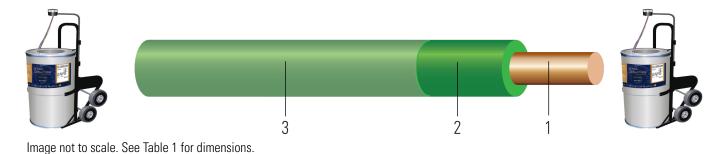
# SIMpull Barrel<sup>™</sup> Cable Drum



#### **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 BARREL<sup>™</sup> 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<sup>™</sup> 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® 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



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### **Table 1 – Weights and Measurements**

Stock Number	Cond. Size	Cond. Number	Cond. Strands	nd. Strands Diameter Over Conductor		Approx. OD	Approx. Weight	
	AWG/Kcmil	No.	No.	inch	mil	inch	lb/1000ft	
580312◊	12	4	Solid	0.080	20	0.491	94	

All dimensions are nominal and subject to normal manufacturing tolerances **\diamond** 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	1.9	16	20	24

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





