Romex® Control & Signal Cable

Class 2 Cable for Low-Voltage Power-Limited Lighting Control and Dimming. 150 Volts. Copper Conductors. SIMpull® Jacket Designed for Easier Pulling.

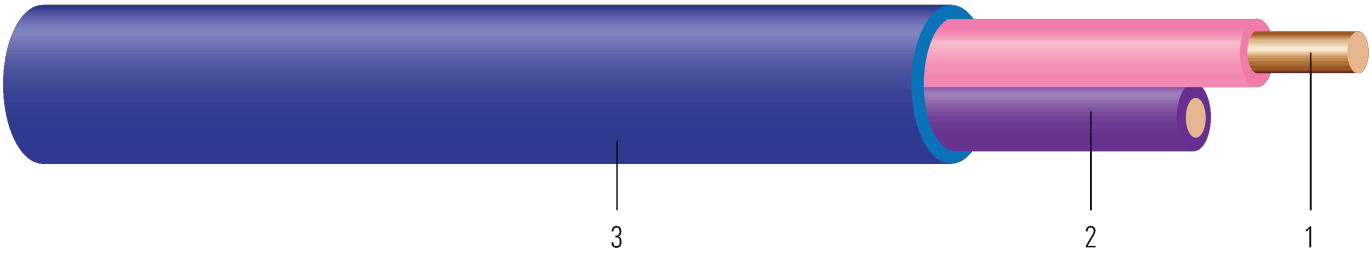


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Solid copper per ASTM B3
2. **Insulation:** All phases are insulated with Polyvinyl Chloride (PVC)
3. **Jacket:** Polyvinyl Chloride (PVC) jacket utilizing SIMpull® Technology. Colored light: Blue

APPLICATIONS AND FEATURES:

ROMEX® SIMpull® Low-Voltage Control & Signal Cable is a class 2 power-limited circuit cable for use in lighting control and dimming applications. Rated for 150 volts per NEC Article 725. Temperature range is -20°C to +60°C. Sunlight Resistant

SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- UL 13 Power-Limited Circuit Cables
- UL 2556 Standard for Safety Wire and Cable Test Methods

SAMPLE PRINT LEGEND:

SOUTHWIRE{R} 16 AWG CU 2/C E57497 (UL) TYPE CL2

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Table 1 – Physical and Electrical Data

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Diameter Over Cond.	Insul. Thickness	Diameter Over Insulation	Jacket Thickness	Approx. OD	Copper Weight	Approx. Weight	DC Resistance @ 25°C	AC Resistance @ 75°C	Inductive Rectance	Min Bending Radius	Allowable Ampacity 75°C	Allo Am 9
	AWG	No.	strands	inch	mil	inch	mil	inch	lb / 1000ft	lb / 1000ft	Ω /1000ft	Ω /1000ft	Ω/1000ft	inch	Amp	A
16 AWG																
643505	16	2	SOLID	0.051	20	0.091	20	0.106x0.186	16	22	4.181	5.189	0.033	0.7	-	

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

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