



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.

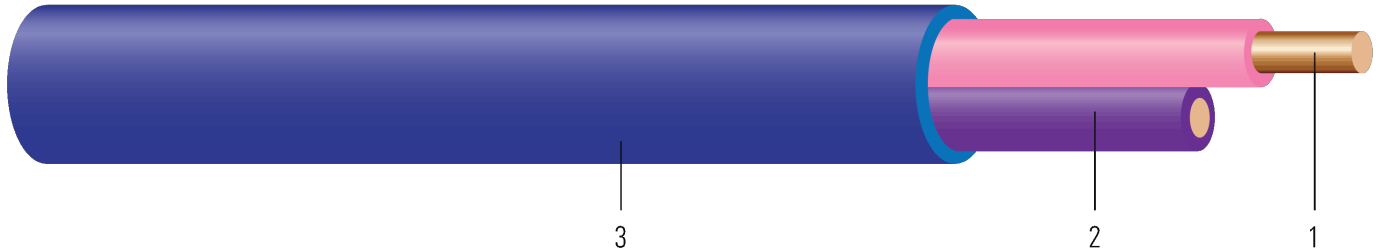


Image not to scale. See Table 1 for dimensions.

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





Table 1 – Physical and Electrical Data

| Stock Number | Cond. Size | Cond. Number | Cond. Strands | Diameter Over Cond. | Insul. Thickness | Approx. OD | Copper Weight | Approx. Weight | DC Resistance @ 25°C | AC Resistance @ 75°C | Min Bending Radius |
|--------------|------------|--------------|---------------|---------------------|------------------|------------------|---------------|----------------|----------------------|----------------------|--------------------|
| | AWG | No. | strands | inch | mil | inch | lb /1000ft | lb /1000ft | Ω /1000ft | Ω /1000ft | inch |
| 16 AWG | | | | | | | | | | | |
| 643505 | 16 | 2 | Solid | 0.050 | 6 | 0.106 X 0.186 | 16 | 22 | 4.181 | 5.037 | 0.7 |

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

