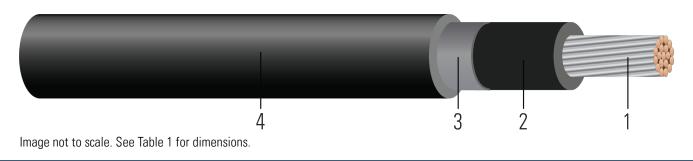


# **Tinned CU Unshielded Signal Cable 1000V**

Unshielded Signal cables 1000 Volt Single Conductor Copper, Ethylene Propylene Rubber (EPR) insulation Thermoset SOLONON® Low Smoke Zero Halogen (LSZH-TS) Jacket.



### **CONSTRUCTION:**

- 1. Conductor: Stranded tinned copper per ASTM B33 and ASTM B8
- 2. Insulation: Ethylene Propylene Rubber (EPR)
- 3. Separator: Silicone polymer tape
- 4. Overall Jacket: Black, Thermoset, SOLONON® Low Smoke Zero Halogen (LSZH-TS)

### **APPLICATIONS AND FEATURES:**

Southwire's Unshielded Signal cables 1000 Volt conform to requirements in AREMA Signal Manual Part 10.3.16 and are suited for use in air or non-plenum ducts.

### **SPECIFICATIONS:**

- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- ICEA S-95-658 (NEMA WC70) Power Cables Rated 2000 Volts or Less for the Distribution of Electrical Energy

#### **SAMPLE PRINT LEGEND**:

SOUTHWIRE XX AWG 90C EPR XX MILS SOLONON® 1000V SUN. RES. YEAR {SEQUENTIAL FOOTAGE MARKS} SEQ FEET

## Table 1 – Physical and Electrical Data

Stock Number	Cond. Size	Strand Class	Strand Count	Cond. Cmil	Cond. Number	Diameter Over Conductor	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	DC Resistance @ 25°C	AC Resistance @ 75°C	Max Pull Tension
	AWG/ kcmil		No. of Strands	cmil	No.	inch	mil	mil	inch	lb/ 1000ft	Ω/1000ft	Ω/1000ft	lb
457616	2/0	В	19	133100	1	0.405	110	60	0.779	617	0.081	0.097	1064

All dimensions are nominal and subject to normal manufacturing tolerances

 $\ensuremath{\diamond}$  Cable marked with this symbol is a standard stock item

TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.



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