

**DATE: 09-25-06**

## PRODUCT SPECIFICATION 11370 C

**TYPE:** Two Conductor SPT Style (Parallel)  
Underground Low Energy Circuit Cable  
For Outdoor Lighting  
150 Volts, 60°C  
UL Listed, CSA Low Energy Circuit Cable

**SIZE:** 18 AWG Thru 8 AWG - 2 Conductors

### I. SCOPE:

This specification covers the construction requirements for Two Conductor Underground Low Energy Circuit Cables for outdoor lighting.

Construction consists of stranded uncoated annealed copper conductors, laid parallel and insulated with Polyvinyl Chloride.

### II. CONSTRUCTION:

SIZE AWG	STRANDING	INSULATION		NOM. DIMENSIONS (INCHES)
		MIN. AVG. WALL (MILS)	NOM. WEB (MILS)	
18	41/.0063"	45	100	.290 X .145
16	26/.0100"	45	100	.320 X .160
14	41/.0100"	45	100	.350 X .175
12	65/.0100"	45	100	.390 X .195
10	104/.0100"	45	100	.440 X .220
8	133/.0111"	60	130	.590 X .295

A. **CONDUCTORS:** Bunch or rope stranded uncoated annealed copper conforming to UL requirements.

B. **ASSEMBLY:** The two conductors are laid parallel and insulated.

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- C. **INSULATION:** Black Polyvinyl Chloride conforming to Underwriters' Laboratories Class 43 60°C Thermoplastic. One leg has 2 raised ridges for polarity.
- D. **MARKING:** Plain leg of wire indent printed:  
  
"SIZE AWG 2/C UNDERGROUND LOW ENERGY CIRCUIT CABLE  
SUNLIGHT RESISTANT FOR OUTDOOR LIGHTING E18966 (UL) ---  
LL 8825 CSA LOW VOLTAGE LANDSCAPE LIGHTING 30V FT1"
- E. **TESTING:** Physically and electrically to Underwriters' Laboratories Miscellaneous Wires.
- F. **LABELS:** Underwriters' Laboratories Miscellaneous Wire Labels and CSA Insulated Wire Label.