Landscape Low-Voltage 150 Volt Lighting

-20°C to +60°C, 150 Volts Rated, UL ULEC and CSA LVLL

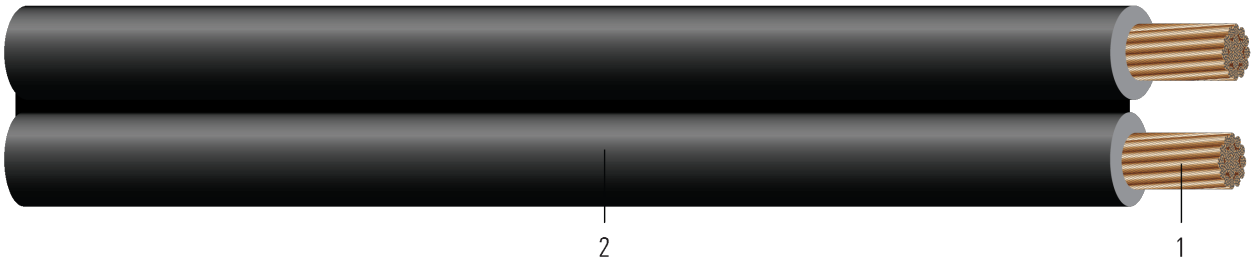

Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Class K, flexible stranded bare copper per ASTM B172
2. **Overall Insulation/Jacket:** Polyvinyl Chloride (PVC)

APPLICATIONS AND FEATURES:

- Outdoor Low-Voltage Underground Landscape Lighting Cable is designed for landscape, security, and outdoor accent lighting applications not to exceed 150 volts.

- Landscape Lighting Cable is Sunlight Resistant sutable for Direct Burial Stranded Copper Conductor Black PVC Insulation/ Jacket.

SPECIFICATIONS:

- ASTM B172 Standard Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Copper Conductors
- RoHS-2 (European Directive 2011/65/EU)

SAMPLE PRINT LEGEND:

SOUTHWIRE 2/C XX AWG (X.XXmm2) UNDERGROUND LOW ENERGY CIRCUIT CABLE SUNLIGHT RESISTANT 60(D)C 150V (UL) (CSA) LVLL 60(D)C 30V FT1,FT2 LL90458

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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
552131	16	2	26	0.059	45	0.305	16	37	4.181	5.189	1.2
552132	14	2	41	0.073	45	0.341	25	45	2.621	3.253	1.4
552134	12	2	65	0.094	45	0.357	40	66	1.652	2.05	1.4
552135	10	2	104	0.117	45	0.443	64	94	1.04	1.291	1.8
552136	8	2	168	0.153	60	0.575	104	160	0.666	0.827	2.3

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

Ampacity

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