



LANDSCAPE WIRE - ULECC

Resistant to water, dirt, abrasion

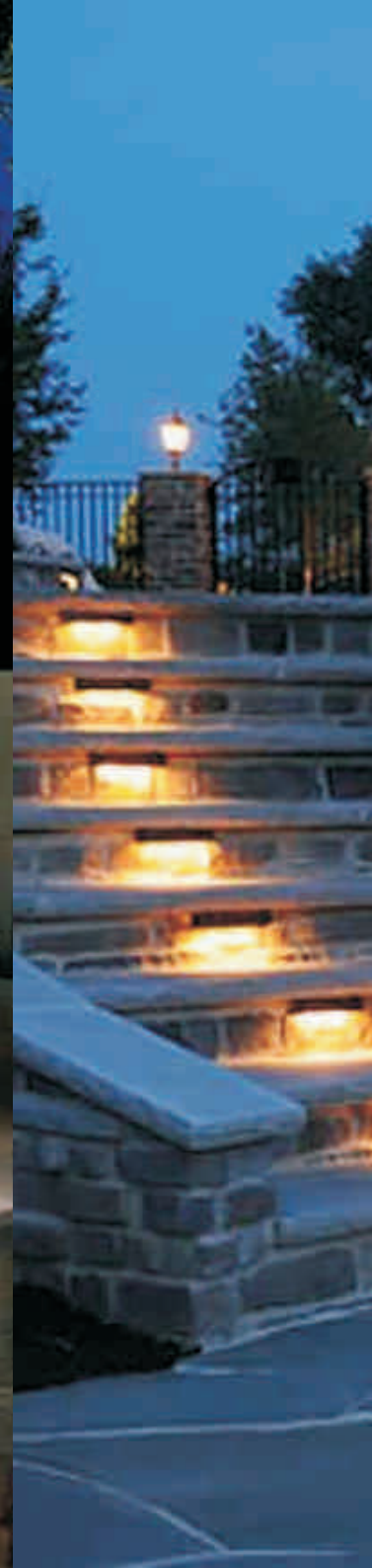


2X10AWG

2X12AWG

2X14AWG

2X16AWG



FEATURES



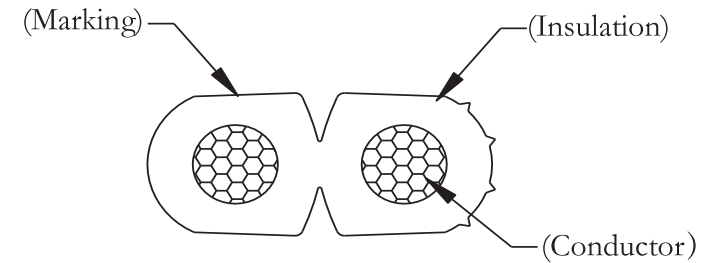
- UL Underground Low-Energy Circuit Cable is designed for landscape, security, and outdoor accent lighting applications that not to exceed 150 volts.
- Landscape lighting cables are resistant to water, dirt, and abrasion. They are suitable for direct burial underground and can also be used with PVC conduits on the surface.
- Two fully annealed bare stranded copper conductors.
- Insulation/Jacket: Premium-grade PVC -20°C to +60°C.
- Final assembly: Insulated/Jacketed conductors duplexed in a flat construction for easy tear-down during installation.
- Color: Black is standard. Available in white or brown, but subject to minimum order quantity.
- Meets UL Subj 1493 cUL standards C22.2 35, CSA class 5834-01.

Applications



DIMENSION

SPECIFICATIONS



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

MODEL	DESCRIPTION	AWG	COND	NOM.OVERALL DIA(INCH)	GROSS WEIGHT (LB/MFT)	
LTC10	LTC10A	LNDSKP LGHT 10/2 STR CU BK/ Length: 100 ft	10	2	0.205x0.405	10.34Lbs/4.7kg
	LTC10B	LNDSKP LGHT 10/2 STR CU BK/ Length: 250 ft	10	2	0.205x0.405	27.47Lbs/12.48kg
	LTC10C	LNDSKP LGHT 10/2 STR CU BK/ Length: 500 ft	10	2	0.205x0.405	53.86Lbs/24.48kg
LTC12	LTC12A	LNDSKP LGHT 12/2 STR CU BK/ Length: 100 ft	12	2	0.186x0.37	7.57Lbs/3.44kg
	LTC12B	LNDSKP LGHT 12/2 STR CU BK/ Length: 250 ft	12	2	0.186x0.37	19.1Lbs/8.68kg
	LTC12C	LNDSKP LGHT 12/2 STR CU BK/ Length: 500 ft	12	2	0.186x0.37	36.96Lbs/16.8kg
LTC14	LTC14A	LNDSKP LGHT 14/2 STR CU BK/ Length: 100 ft	14	2	0.166x0.341	4.36Lbs/1.98kg
	LTC14B	LNDSKP LGHT 14/2 STR CU BK/ Length: 250 ft	14	2	0.166x0.341	11.22Lbs/5.1kg
	LTC14C	LNDSKP LGHT 14/2 STR CU BK/ Length: 500 ft	14	2	0.166x0.341	21.78Lbs/9.9kg
LTC16	LTC16A	LNDSKP LGHT 16/2 STR CU BK/ Length: 100 ft	16	2	0.156x0.307	3.08Lbs/1.4kg
	LTC16B	LNDSKP LGHT 16/2 STR CU BK/ Length: 250 ft	16	2	0.156x0.307	8.45Lbs/3.84kg
	LTC16C	LNDSKP LGHT 16/2 STR CU BK/ Length: 500 ft	16	2	0.156x0.307	16.46Lbs/7.48kg

Parameters/Performance

		LTC10	LTC12	LTC14	LTC16	
Rating Temperature & Voltage		60°C 150V	60°C 150V	60°C 150V	60°C 150V	
Conductor Resistance		Max3.51 Ω/KM AT 20°C	Max5.58 Ω/KM AT 20°C	Max8.88 Ω/KM AT 20°C	Max14.1 Ω/KM AT 20°C	
Insulation Resistance		Min0.76MΩ•KM AT 15°C	Min0.76MΩ•KM AT 15°C	Min0.76MΩ•KM AT 15°C	Min0.76MΩ•KM AT 15°C	
Voltage Withstand Test		1.5KV AC	1.5KV AC	1.5KV AC	1.5KV AC	
Cold Bend Test		(-20°C)/4H No Crack	(-20°C)/4H No Crack	(-20°C)/4H No Crack	(-20°C)/4H No Crack	
Heat Shock Test		121 ± 1°C /1H No Crack	121 ± 1°C /1H No Crack	121 ± 1°C /1H No Crack	121 ± 1°C /1H No Crack	
Deformation Test		121 ± 1°C /1H Less Than 50%	121 ± 1°C /1H Less Than 50%	121 ± 1°C /1H Less Than 50%	121 ± 1°C /1H Less Than 50%	
Flame Test		VW-1	VW-1	VW-1	VW-1	
Environment Protection Standard		RoHS REACH NP	RoHS REACH NP	RoHS REACH NP	RoHS REACH NP	
Insulation	(Unaged)	Tensile Strength	Min 1500PSI	Min 1500PSI	Min 1500PSI	Min 1500PSI
		Elongation	Min 100%	Min 100%	Min 100%	Min 100%
	(Aged)	Tensile Strength Remainder	≥85% (100 ± 2°C /168H)	≥85% (100 ± 2°C /168H)	≥85% (100 ± 2°C /168H)	≥85% (100 ± 2°C /168H)
		Elongation Remainder	≥65% (100 ± 2°C /168H)	≥65% (100 ± 2°C /168H)	≥65% (100 ± 2°C /168H)	≥65% (100 ± 2°C /168H)



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