



**EMCOD**  
LIGHTING  
GROUP

THE **POWER** BEHIND THE **LIGHT**

# LANDSCAPE LIGHTING CABLE

**Underground Low-Energy Circuit Cable**

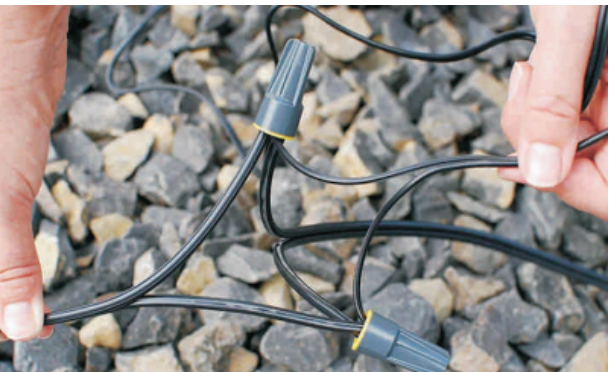
**RESISTANT TO WATER, DIRT, ABRASION**

## FEATURES

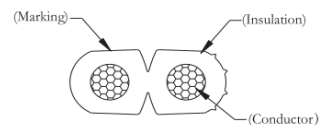
- UL Underground Low-Energy Circuit Cable that not to exceed 150 volts.
- Landscape lighting cables are resistant to water, dirt, and abrasion. They are suitable for direct burial underground and can also be used with PVC conduits on the surface.
- Two fully annealed bare stranded copper conductors.
- 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



# SPECIFICATIONS



MODEL	DESCRIPTION	AWG	COND	NOM.OVERALL DIA (INCH)	GROSS WEIGHT (LB/MFT)
EW10	EW10A LNDSCP LGHT 10/2 STR CU BK/ Length: 100 ft	10	2	0.205x0.405	10.34Lbs/4.7kg
	EW10B LNDSCP LGHT 10/2 STR CU BK/ Length: 250 ft	10	2	0.205x0.405	27.47Lbs/12.48kg
	EW10C LNDSCP LGHT 10/2 STR CU BK/ Length: 500 ft	10	2	0.205x0.405	53.86Lbs/24.48kg
EW12	EW12A LNDSCP LGHT 12/2 STR CU BK/ Length: 100 ft	12	2	0.186x0.37	7.57Lbs/3.44kg
	EW12B LNDSCP LGHT 12/2 STR CU BK/ Length: 250 ft	12	2	0.186x0.37	19.1Lbs/8.68kg
	EW12C LNDSCP LGHT 12/2 STR CU BK/ Length: 500 ft	12	2	0.186x0.37	36.96Lbs/16.8kg
EW14	EW14A LNDSCP LGHT 14/2 STR CU BK/ Length: 100 ft	14	2	0.166x0.341	4.36Lbs/1.98kg
	EW14B LNDSCP LGHT 14/2 STR CU BK/ Length: 250 ft	14	2	0.166x0.341	11.22Lbs/5.1kg
	EW14C LNDSCP LGHT 14/2 STR CU BK/ Length: 500 ft	14	2	0.166x0.341	21.78Lbs/9.9kg
EW16	EW16A LNDSCP LGHT 16/2 STR CU BK/ Length: 100 ft	16	2	0.156x0.307	3.08Lbs/1.4kg
	EW16B LNDSCP LGHT 16/2 STR CU BK/ Length: 250 ft	16	2	0.156x0.307	8.45Lbs/3.84kg
	EW16C LNDSCP LGHT 16/2 STR CU BK/ Length: 500 ft	16	2	0.156x0.307	16.46Lbs/7.48kg

# PARAMETERS/PERFORMANCE

		EW10	EW12	EW14	EW16	
Rating Temperature & Voltage		60°C 150V	60°C 150V	60°C 150V	60°C 150V	
Conductor Resistance		Max. 3.51 Ω/KM AT 20°C	Max. 5.58 Ω/KM AT 20°C	Max. 8.88 Ω/KM AT 20°C	Max. 14.1 Ω/KM AT 20°C	
Insulation Resistance		Min. 0.76MΩ · KM AT 15°C	Min. 0.76MΩ · KM AT 15°C	Min. 0.76MΩ · KM AT 15°C	Min. 0.76MΩ · 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)