

Low-Voltage Lighting Cable Distributed Low-Voltage Power System

Catalog#	Prepared by
Project	Date
Comments	Type

Low-Voltage Lighting Cable

System Overview

The Distributed Low-Voltage Power system blends the benefits of both AC and DC power distribution to reduce the total installed cost of a lighting project by up to 20% while providing a completely flexible and electrically efficient solution.

Low-Voltage Cable Overview


Low-voltage lighting cables provide for fast, error free installation of LED light fixtures. Cables are available in pre-terminated lengths typical to application / fixture type for error free connectivity of Class 2 circuits in plenum rated applications.

Features

- Pre-terminated for quick reliable plug-n-play connectivity
- Power and communications in the same cable
- 30-foot length to connect the first fixture on a circuit
- Supports daisy-chain LED fixture connections
- Plenum rated
- Black color for silent ceiling applications



Specifications

Electrical Rating	Class 2 Low-voltage
Voltage	Up to 60VDC supplied from Power Modules
Operating Environment	Temperature 32°F to 104°F (0°C to 40°C) Relative Humidity: Less than 95%, non-condensing For indoor use only
Standards	UL 2108 Listed 

Description/Operation

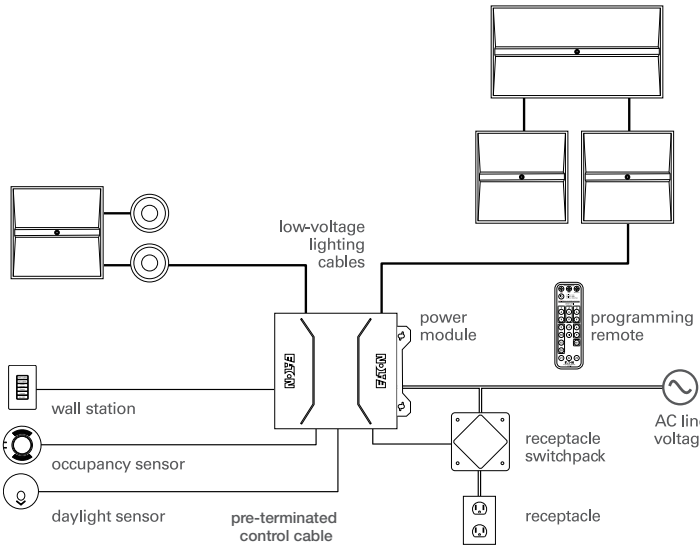
Low-voltage lighting cables provide Class 2 DC power (up to 100 watts per circuit) and communications to light fixtures via the low-voltage power module. Multiple fixtures can be connected to the power module using a daisy-chain wiring configuration.

Installation

Low-voltage lighting cables connect LED light fixtures to power modules. Couplings are available to extend cable lengths - see specifications below.

Low-Voltage Lighting Cable	
Catalog #	Description
LVC-30P	DLVP Low-Voltage Plenum Rated Cable, 30 feet
LVC-COUPLER	DLVP Low-Voltage Plenum Rated Coupling

DLVP Wiring Diagram



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