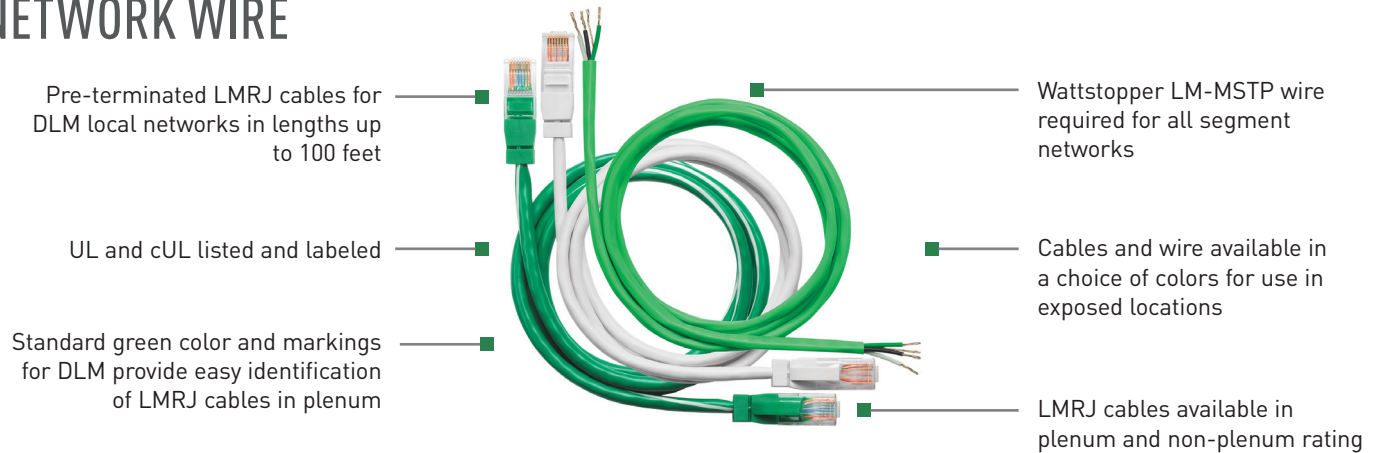# PRE-TERMINATED CABLES AND SEGMENT NETWORK WIRE

LMRJ & LM-MSTP

Pre-terminated LMRJ cables for DLM local networks in lengths up to 100 feet

UL and cUL listed and labeled

Standard green color and markings for DLM provide easy identification of LMRJ cables in plenum

Wattstopper LM-MSTP wire required for all segment networks

Cables and wire available in a choice of colors for use in exposed locations

LMRJ cables available in plenum and non-plenum rating

Description

LMRJ Series cables connect Digital Lighting Management (DLM) components without the need for tools or point-to-point discrete wiring. Cables are pre-terminated with industry standard RJ45 connectors compatible with any RJ45 port on DLM components. LMRJ cables utilize B to B wiring.

Plenum-rated LM-MSTP Segment Network wire carries the MS/TP (RS485) signal. Wire is 1.5 pair (twisted pair + 1 conductor) + shield, white/black/green. Use of LM-MSTP is mandatory for every DLM network project.

Operation and Applications

LMRJ cables can be plugged into any available RJ45 port on a DLM device and connected to any other DLM device. These cables facilitate the creation of a local network of DLM components that automatically configure and function together. While LMRJ series cables are rated Cat 5e, they are not recommended for general data use in other than DLM network applications.

LM-MSTP wire is used to create a linear topology (daisy-chain) segment network for control by a segment manager or building automation system.

Ordering Information

Catalog #	Non-Plenum Rated Local Network Cables	Plenum Rated Local Network Cables			
	Green cable with white stripe	Catalog #	Green cable with black stripe	Catalog #	White cable
☐ LMRJ-01	Six-inch Jumper				
☐ LMRJ-03	3' Cable	☐ LMRJ-P03	3' Cable	☐ LMRJ-P03-W	3' Cable
☐ LMRJ-10	10' Cable	☐ LMRJ-P10	10' Cable	☐ LMRJ-P10-W	10' Cable
☐ LMRJ-15	15' Cable	☐ LMRJ-P15	15' Cable	☐ LMRJ-P15-W	15' Cable
☐ LMRJ-25	25' Cable	☐ LMRJ-P25	25' Cable	☐ LMRJ-P25-W	25' Cable
☐ LMRJ-35	35' Cable	☐ LMRJ-P35	35' Cable	☐ LMRJ-P35-W	35' Cable
☐ LMRJ-50	50' Cable	☐ LMRJ-P50	50' Cable	☐ LMRJ-P50-W	50' Cable
☐ LMRJ-75	75' Cable	☐ LMRJ-P75	75' Cable	☐ LMRJ-P75-W	75' Cable
☐ LMRJ-100	100' Cable	☐ LMRJ-P100	100' Cable	☐ LMRJ-P100-W	100' Cable

Catalog #	Unterminated Plenum Rated Segment Network Wire		
☐ LM-MSTP	Green-jacketed segment network wire, 1.5 pair, max diameter 0.185", available by the foot	☐ LM-MSTP-S1000	Green-jacketed LM-MSTP wire; 1000' reel
☐ LM-MSTP-W	White-jacketed segment network wire, 1.5 pair, max diameter 0.185", available by the foot*	☐ LM-MSTP-S2000	Green-jacketed LM-MSTP wire; 2000' reel
☐ LM-MSTP-B	Black-jacketed segment network wire, 1.5 pair, max diameter 0.185", available by the foot*	☐ LM-MSTP-S4000	Green-jacketed LM-MSTP wire; 4000' reel
☐ LM-MSTP-DB	Segment network wire, 1.5 pair, max diameter 0.185", rated for direct burial		*Shipping Q3 2016

PROJECT		LOCATION/ TYPE	