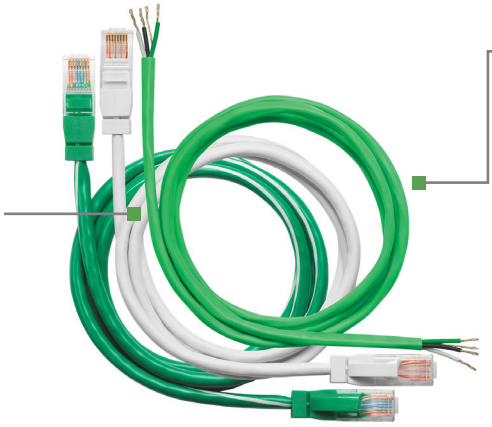
PRE-TERMINATED CABLES AND SEGMENT NETWORK WIRE

LMRJ & LM-MSTP

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

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

Wattstopper LM-MSTP wire required for wired segment networks. This wire is not needed for wireless DLM networks using the wireless bridge (LMBC-600).



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

UL and cUL listed and labeled

LMRJ cables available in plenum and non-plenum rating

5 year warranty

PEP ecoPASSPORT®*

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 (RS-485) signal. Wire is 1.5 pair (twisted pair + 1 conductor) + shield, white/black/green. Use of LM-MSTP is mandatory for wired DLM network projects. Another option is to avoid the need for LM-MSTP wire through the use of wireless bridges (model LMBC-650).

SPECIFICATIONS

- LMRJ: UL/cUL, CM 75°C, 4PR, 24AWG, FT4
- LMRJ-P: UL/cUL, CMP 75°C, 4PR, 24AWG, FT6
- LM-MSTP: UL/cUL, CMP/CL3P 75°C, 22AWG, FT6
- LM-MSTP-DB: UL/cUL, CM/CL3, 75°C, 22AWG

*PEP designation applies to LMRJ cables only

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.

PROJECT		LOCATION/ TYPE	

ORDERING INFORMATION

Non-Plenum Rated Local Network Cables

Catalog #		Green cable with white stripe
☐	LMRJ-01	Six-inch Jumper
☐	LMRJ-03	3′ Cable
☐	LMRJ-10	10′ Cable
☐	LMRJ-15	15′ Cable
☐	LMRJ-25	25′ Cable
☐	LMRJ-35	35′ Cable
☐	LMRJ-50	50′ Cable
☐	LMRJ-75	75′ Cable
☐	LMRJ-100	100′ Cable

Plenum Rated Local Network Cables

Catalog #		Green cable with black stripe	Catalog #		White cable
☐	LMRJ-P03	3′ Cable	☐	LMRJ-P03-W	3′ Cable
☐	LMRJ-P10	10′ Cable	☐	LMRJ-P10-W	10′ Cable
☐	LMRJ-P15	15′ Cable	☐	LMRJ-P15-W	15′ Cable
☐	LMRJ-P25	25′ Cable	☐	LMRJ-P25-W	25′ Cable
☐	LMRJ-P35	35′ Cable	☐	LMRJ-P35-W	35′ Cable
☐	LMRJ-P50	50′ Cable	☐	LMRJ-P50-W	50′ Cable
☐	LMRJ-P75	75′ Cable	☐	LMRJ-P75-W	75′ Cable
☐	LMRJ-P100	100′ Cable	☐	LMRJ-P100-W	100′ Cable

Unterminated Segment Network Wire

Catalog #		Description
☐	LM-MSTP	Green-jacketed segment network wire, 1.5 pair, max diameter 0.185″, available by the foot, plenum rated
☐	LM-MSTP-W	White-jacketed segment network wire, 1.5 pair, max diameter 0.185″, available by the foot, plenum rated
☐	LM-MSTP-B	Black-jacketed segment network wire, 1.5 pair, max diameter 0.185″, available by the foot, plenum rated
☐	LM-MSTP-DB	Segment network wire, 1.5 pair, max diameter 0.185″, rated for direct burial
☐	LM-MSTP-S1000	Green-jacketed LM-MSTP wire; 1000′ reel, plenum rated
☐	LM-MSTP-S2000	Green-jacketed LM-MSTP wire; 2000′ reel, plenum rated
☐	LM-MSTP-S4000	Green-jacketed LM-MSTP wire; 4000′ reel, plenum rated

Notice

LMRJ and LM-MSTP cables are UL-rated and listed as a CM or CMP cable, depending on the model and fall under NEC Article 800.

In NFPA 70, 2020 NEC, under Article 800 (General Requirements for Communications System), it states the following: “Informational Note No 3: Paint, plaster, cleaners, abrasives, corrosive residues, or other contaminants may result in an undetermined alteration of the wire and cable properties.” (see Section 800.24).

All CM-rated cables have passed a very specific test which ensures they do not spread flames beyond what is permitted under the UL limit. You can install CM cables in the wall or ceiling. CMP-rated cables are made from material that completely retards the spread of flames. These cables are specifically designed for plenum applications.

Per the NEC, the properties of these cables may change by coming in contact with, being covered by, or otherwise exposed to other products or substances.

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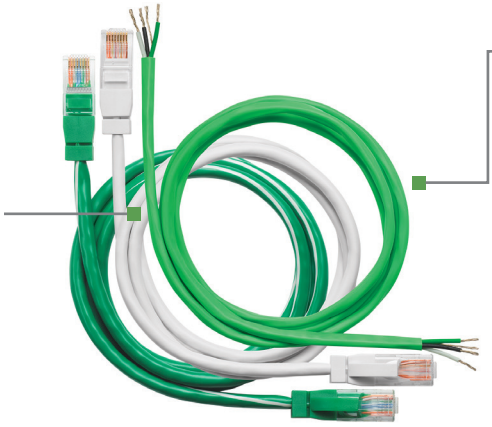
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5 year warranty

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☐	LMRJ-100	100′ Cable

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Catalog #		Green cable with black stripe	Catalog #		White cable
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☐	LMRJ-P10	10′ Cable	☐	LMRJ-P10-W	10′ Cable
☐	LMRJ-P15	15′ Cable	☐	LMRJ-P15-W	15′ Cable
☐	LMRJ-P25	25′ Cable	☐	LMRJ-P25-W	25′ Cable
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☐	LMRJ-P50	50′ Cable	☐	LMRJ-P50-W	50′ Cable
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☐	LM-MSTP-B	Black-jacketed segment network wire, 1.5 pair, max diameter 0.185″, available by the foot, plenum rated
☐	LM-MSTP-DB	Segment network wire, 1.5 pair, max diameter 0.185″, rated for direct burial
☐	LM-MSTP-S1000	Green-jacketed LM-MSTP wire; 1000′ reel, plenum rated
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