⅃ legrand

LOCAL AND SEGMENT NETWORK ACCESSORIES

LMRJ accessories connect to pre-terminated cables for DLM local networks

Splitters/couplers available in plenum and non-plenum rating

UL and cUL listed and labeled

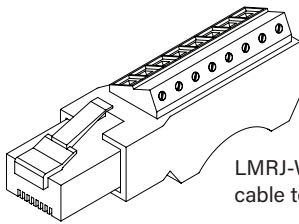DLM-specific accessories guaranteed to work with all DLM systems

Simplify installation of free topology DLM local networks and linear topology segment networks
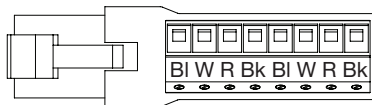
5 year warranty

DESCRIPTION

LMRJ series couplers, splitters and other accessories connect Digital Lighting Management (DLM) components without the need for tools or point-to-point discrete wiring. Accessories use pre-terminated industry standard RJ45 connectors compatible with any RJ45 port on DLM components.

Segment network accessories include resistors to terminate the BACnet MS/TP (RS485) network.
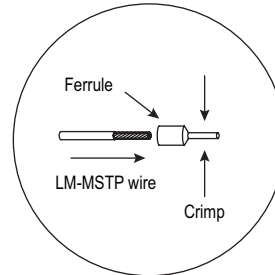
LMRJ-WA, 20 gauge control cable to RJ45 adapter

Bl W R Bk Bl W R Bk

OPERATION AND APPLICATIONS

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

For segment networks, a 120Ω resistor is required at each end of the LM-MSTP network wire. Resistors are shipped with LMSM Segment Managers and are integrated internally into LMCP panels. Resistors are also available as an accessory.

Ferrule

LM-MSTP wire

Crimp

LM-FERRULE helps maintain signal integrity within the terminal block

ORDERING INFORMATION

Catalog #		Local Network Cable Accessories
☐	LMRJ-C8	Coupler (two ports to connect two cables end to end). Non-plenum rated.
☐	LMRJ-S8	Splitter (three ports for one input and two output connections). Non-plenum rated.
☐	LMRJ-CS8	Coupler/splitter (three ports for one input and two output connections). Plenum rated.
		Other Accessories
☐	LMTR-10PK	Package of ten 120Ω MS/TP termination resistors
☐	LMRJ-WA-5PK	Package of five 20/4 to DLM Cat 5e converters (fits LMSW-100 Series switches or LMCP relay panels)
☐	LM-FERRULE-22-500PK	Package of five-hundred 22AWG insulated ferrules
☐	LM-FERRULE-TOOL	Ferrule crimping tool for 10-24AWG ferrules, trapezoidal profile
☐	LM-DIN-36	36" length of 35mm DIN rail
☐	LMRJ-TK	Test kit for LMRJ cables

PROJECT		LOCATION/ TYPE	

27565r1 Rev 05/21

designed to be better.®