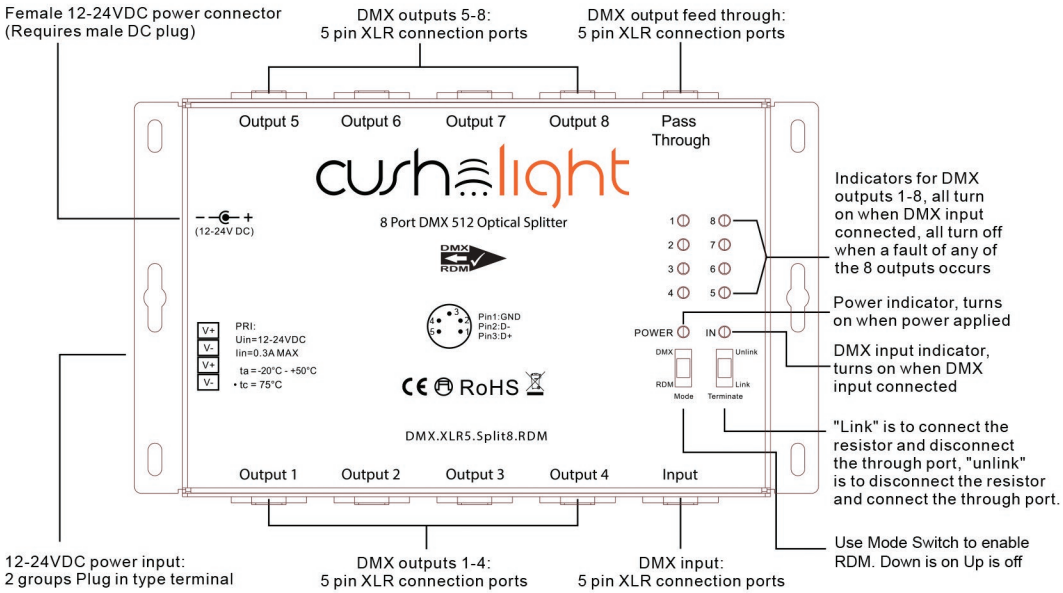
8 Port DMX512 Optical Splitter

CE FC RoHS COMPLIANT

Important: Read All Instructions Prior to Installation

Function introduction



Product Data

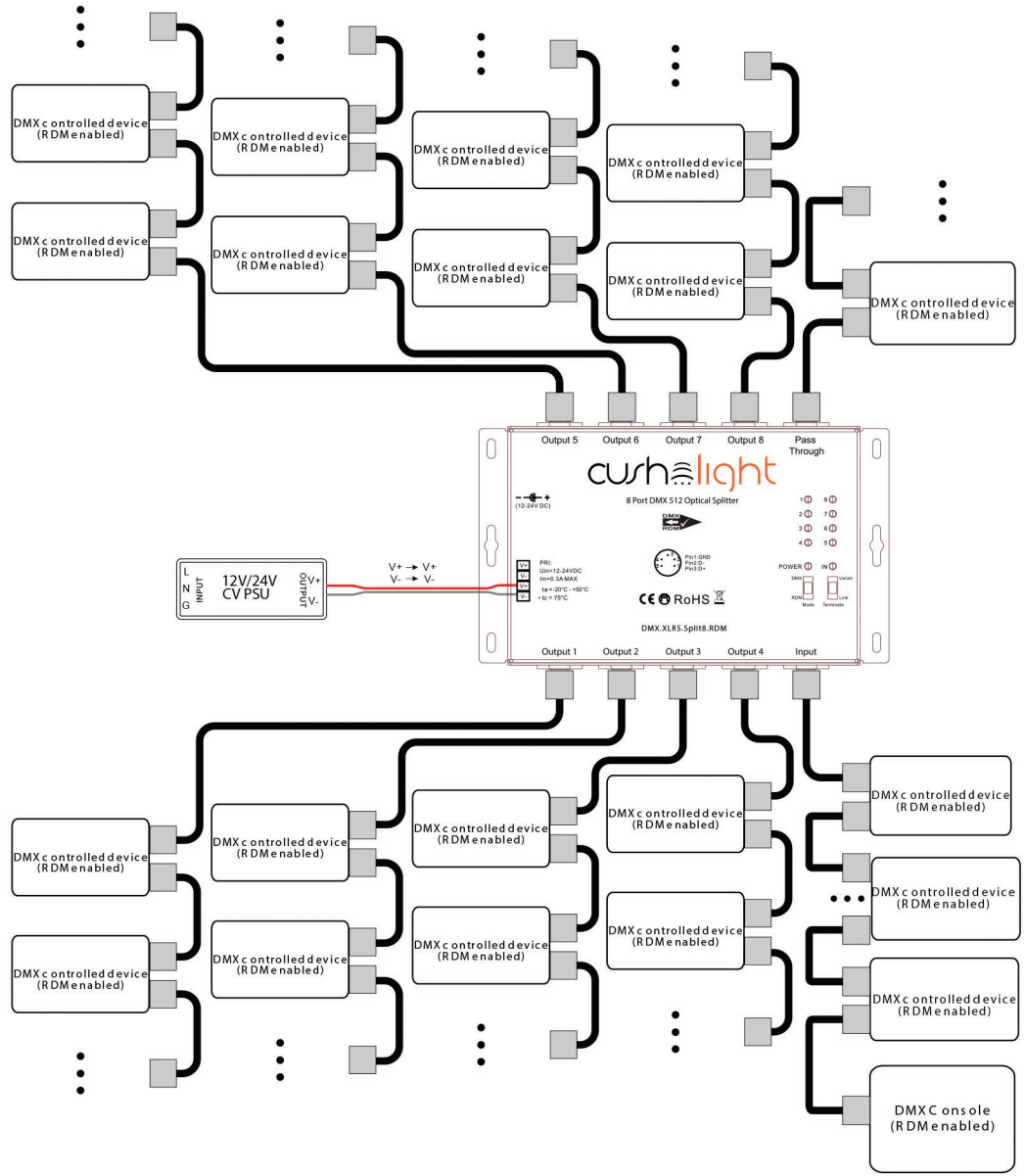
No.	Input Voltage	Input Current	Input Signal	DMX512 Connection Ports	DMX Connector Pin Out	Size(LxWxH)	Operation Temperature
1	12-24VDC	Max. 500mA	DMX512	Input (1) XLR5 Male Output (8) XLR5 Female Pass through (1) XLR5 Female	Pin 1: Ground Pin 2: Data - Pin 3: Data +	199.4x116x44mm	-20 C ~ +50 C

- 8-Way RDM enabled DMX splitter
- DMX/RDM compatible, RDM function can be enabled or disabled by dial switch
- RDM enabled - ANSI E1.20 compliant
- Extend both cable distance (up to 300m) and the number of devices (up to 32 devices per output, total 256 devices)
- Plug and play, XLR5 male port DMX input, eight XLR5 famale port DMX outputs
- 8 outputs are full isolated from the input, the outputs are not isolated from each other
- Each output provides LED data indicators, providing full confirmation of proper operation
- Supports bi-directional communications for discovery, addressing and DMX control of RDM enabled devices
- A feed through XLR5 port is provided at the input, allowing this unit to be placed in the middle of an existing DMX chain

Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

Wiring Diagram



Note:

1) Please dial the Mode dial switch down to enable RDM function to control RDM enabled DMX devices.
2) Please always dial the Terminate dial switch down to enable terminate resistor.
3) This splitter is placed in the middle of an existing DMX chain.
4) Max. allowed data cable length from DMX console to the splitter is 300m.
5) Max. allowed data cable length in a DMX chain is 300m, each output is branch DMX chain.
6) Max. allowed data cable length connected to each output (branch DMX chain) is 300m.
7) Max. 32 devices can be connected to each output of the splitter in daisy-chain.
8) Total 32*8=256 devices can be connected to 8 outputs of the splitter.
9) Please attach a 120ohm, 0.5W resistor between Data+ and Data- wires on the last device of each DMX chain.