

## DMX OPTO SPLITTER

Acolyte's DMX Opto Splitter takes one DMX input signal and allows for 8 DMX output terminals. This allows you to control 8 different DMX controlled fixtures from one DMX input. Each output terminal can connect up to 32 DMX interfaces.

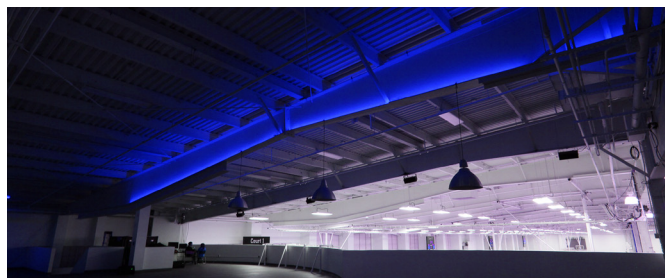
- DMX In/Out
- 12 VDC / 24 VDC inputs
- 8 DMX outputs
- Power In/Out
- Two-piece compression screw terminals
- IP20 Rating
- Operating Temperature: m- 10 — 35 °C

### Applications:

Commercial  
Entertainment  
Healthcare

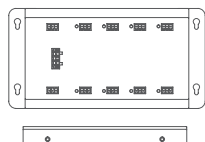
Hospitality  
Museums  
Public Spaces

Residential  
Retail



**FC** **CE** **RoHS**

## Dimensions



**Width:** 4.33 in. (110 mm)  
**Length:** 8.5 in. (216 mm)  
**Depth:** 0.82 in. (21 mm)

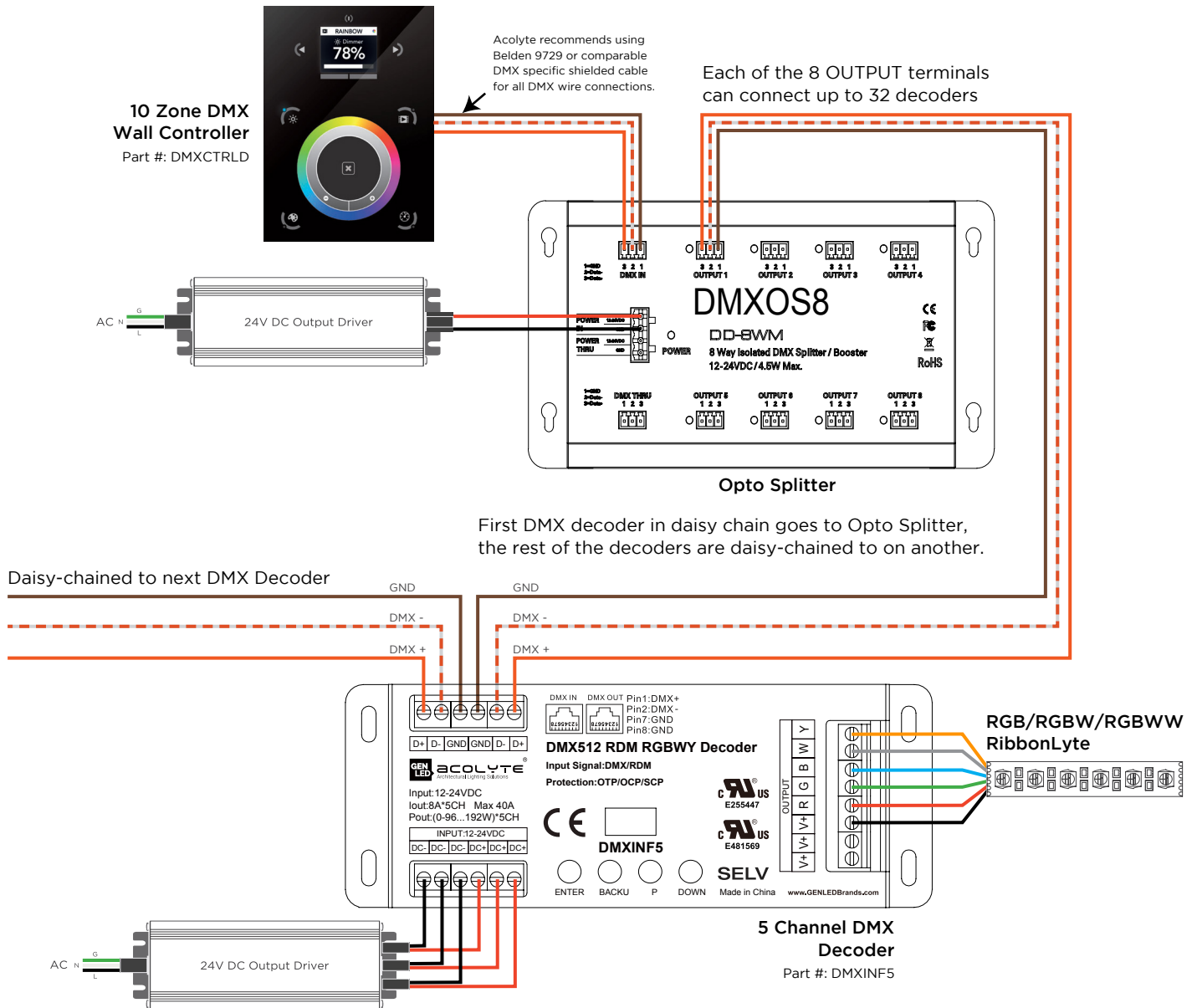
## ORDERING GUIDE

### Category

**DMXOS8**

**DMXOS8** - DMX Opto Splitter

WIRING DIAGRAMS



**NOTE:**

1. The maximum DMX Decoder daisy chain is 32 before another Opto Splitter output terminal needs to be introduced.
2. The first DMX Interface in a daisy chain is wired to the Opto Splitter output. Additional DMX Interfaces can be wired to one another until the end of the daisy chain.
3. Acolyte recommends using Belden 9729 or comparable DMX specific shielded cable for all DMX wire connections.

**INSTRUCTIONS:**

1. Connect your controller to the Opto Splitter's **DMX In** by using data cable. Make sure the DMX+, DMX- and DMX Ground match up.
2. Connect the first DMX decoder's **DMX In** to the Opto Splitter by attaching the interface's DMX+, DMX- and DMX Ground to one of the Opto Splitter's output terminals. Make sure the DMX+, DMX- and DMX Ground match up.
3. That decoder's **DMX Out** can then be connected to the next DMX decoder's **DMX In**, and so on and so forth from one to the next DMX decoder until the end of the daisy chain.
4. Connect your RibbonLyte to the DMX decoder terminals with Red wire going to the Red terminal, Green wire going to the Green terminal, Blue wire going to the Blue terminal, and, in the case of RGBW RibbonLyte, White wire going to the White terminal. Black wire is positive for RGB and RGBW RibbonLyte, so connect the Black wire to the positive (+) terminal.
5. Finally, wire the drivers (power supplies) into the Opto Splitter and each DMX decoder's positive (+) and negative (-) inputs accordingly.