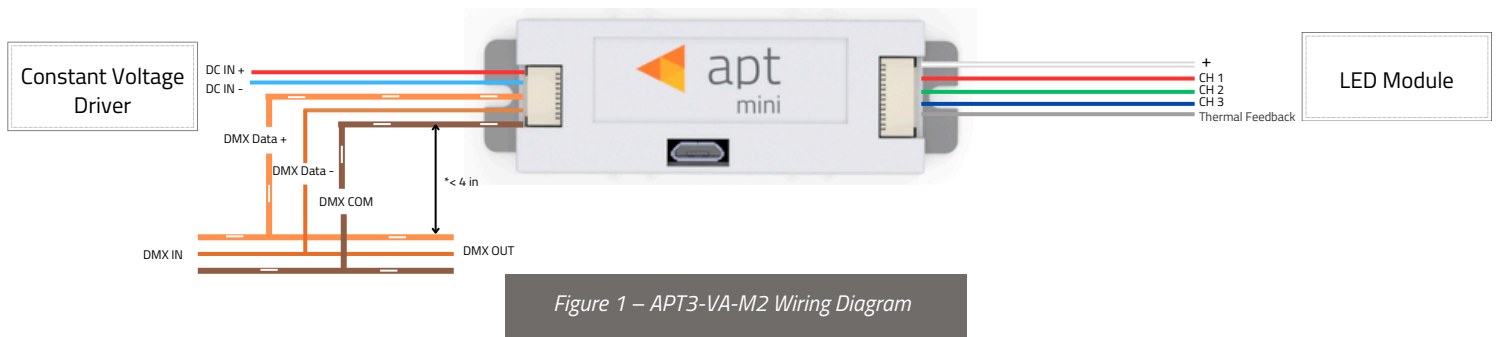




## Control Protocol: DMX/RDM

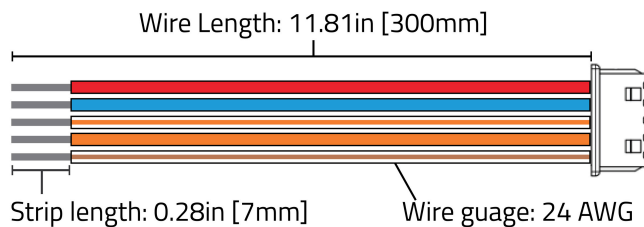
### Wiring Diagrams



*\*If no DMX splitter or amplifier is used, splitting between DMX IN/OUT should be done within 4 inches of the APT controller input connector to prevent line reflectance*

*Thermal Feedback: Equipped with a smart temperature sensor system, the controller gradually adjusts current to regulate temperature, preventing overheating and ensuring stable operation and component longevity. Only use with Arkalumen's integrated thermal feedback LED modules, otherwise leave thermal feedback unconnected.*

### ARK-C1-5A-30



| Function   | Wire Color     |
|------------|----------------|
| DC IN +    | Red            |
| DC IN -    | Blue           |
| DMX Data + | White & Orange |
| DMX Data - | Orange         |
| DMX COM    | White & Brown  |

*Please contact Arkalumen if you would like a different length of cable*

*Figure 2 – DMX/RDM Cable Assembly*