



Control Protocol: DMX/RDM

Wiring Diagrams

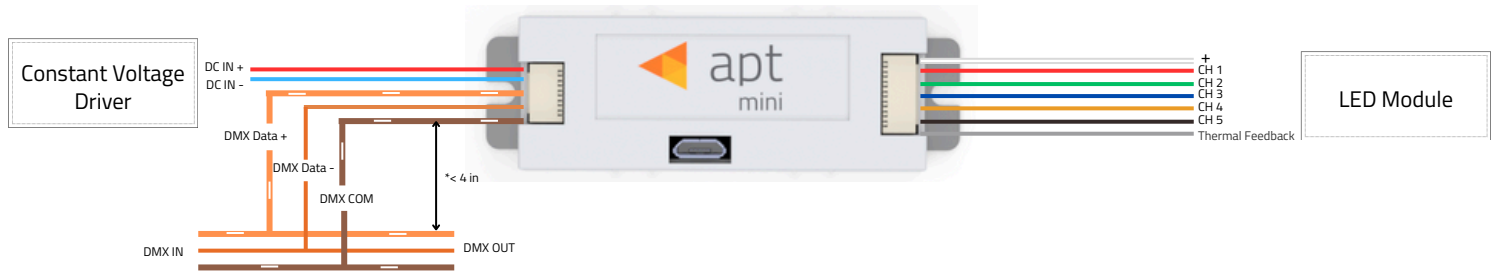
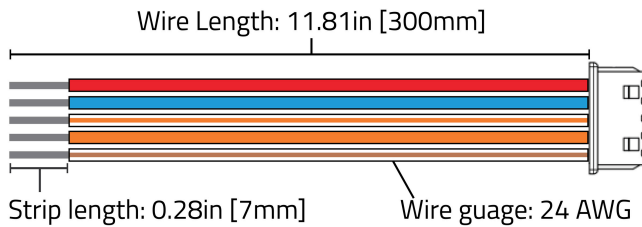


Figure 1 – APT5-VA-M2 Wiring Diagram

**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



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

Figure 2 – DMX/RDM Cable Assembly

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