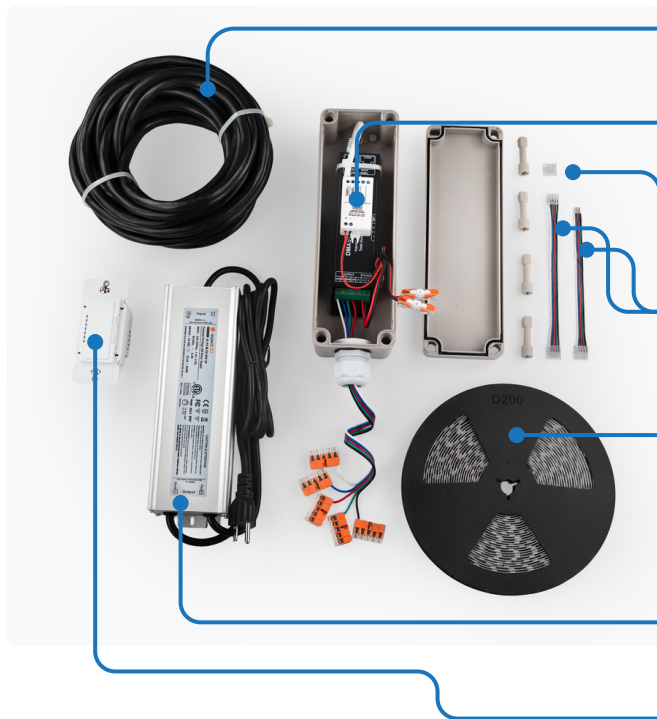


Cove Lighting Kit**AL-KIT-CWCL-RGB3K-24***All-Inclusive Hard-Wired Kit for RGBW Cove Applications***DESCRIPTION**

The RGBW Endless Cove Lighting Kit is a complete solution for creating seamless, color-changing cove lighting that enhances the perimeter of any room with smooth, indirect illumination. Available in 64' and 98' configurations, this all-in-one kit includes everything needed to create stunning architectural accent lighting.

Powered by our RGBW Endless LED Strip Light, the kit uses constant current technology to support continuous runs up to 32 feet without voltage drop or the wiring complexity of traditional constant voltage strip lights. The dedicated white channel delivers clean, functional white light alongside millions of vibrant RGB colors for both decorative and everyday lighting.

The included Casambi Bluetooth controller makes it easy to adjust brightness, colors, and custom lighting scenes directly from your smartphone, giving you complete control over the ambiance of your space.

WHAT'S INCLUDED IN THE KIT**14 AWG In-Wall Rated Wire***AL-WIRE-14-5***Preassembled Control Box**

*Includes: Casambi DMX Controller, 1 Universe
4 Channel DMX 512 LED Controller
WAGO Lever Nuts
Ethernet Cable*

5 Pin RGBW Bite Connectors*Jumper, Splice, & Pigtail***Endless RGBW LED Strip***AL-SL-EN-CC-IP20-24-RGB30-32**IC | IP20 | 3000K | RGBW**2 Reels (65ft Kit) or 3 Reels (98ft Kit)***Non-Dimmable Power Supply***250 Watt (65ft Kit) or 300 Watt (98ft Kit)***Casambi In-Wall Wireless Dimmer Switch***AL-CTLR-DIMSW-CAS***SKU BUILDER****AL-KIT-CWCL-RGB3K-24****COVE LIGHTING KIT**

Endless LED Strip Light – RGBW
Color Changing, 32ft, IC Chip, IP20, 3000K

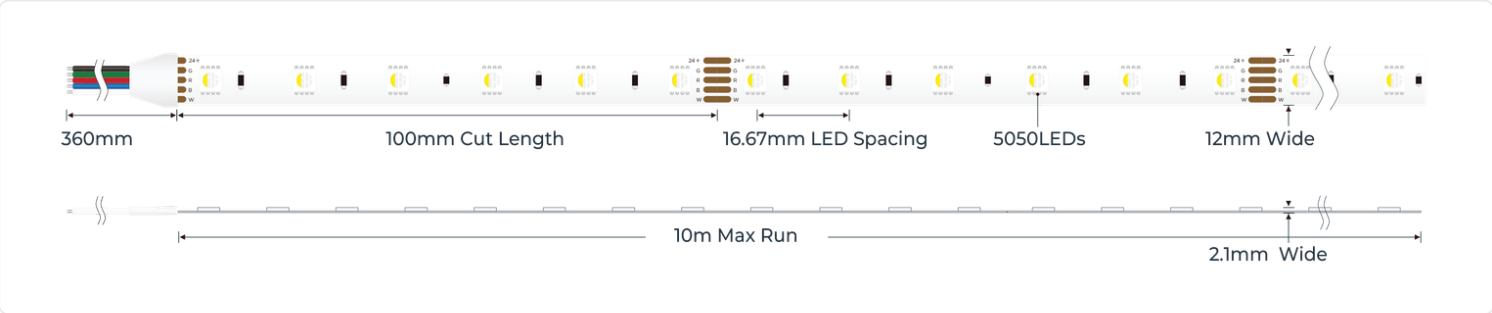


DESCRIPTION

The RGBW Endless™ LED Strip Light delivers smooth, even illumination for runs up to 32 feet, with no dim spots or brightness loss. With Integrated Chip (IC) technology, you can install long, continuous runs without the wiring complexity or voltage drop of traditional Constant Voltage (CV) strips, saving time and project costs. Producing up to 330 lumens per foot, it's ideal for both accent and task lighting. The RGBW configuration combines red, green, and blue LEDs with a dedicated white channel, allowing you to create vibrant colors along with crisp, 90+ CRI true white light for greater lighting versatility. It is compatible with non-dimmable power supplies and DC decoders/remotes, making upgrades or replacements quick and hassle-free.

AL-SL-EN-CC-IP20-24-RGBW-32			
PHYSICAL		ELECTRICAL	
Reel Length	32.8' (10m) per Reel	Input Voltage	24VDC
Width	0.472" (12mm)	LED Type	SMD 5050
Height	0.083" (2.1mm)	LED Quantity	18 LED's/ft (60 LED's/M)
Cut Length	3.94" (100mm)	Max Power Consumption	2.89W/ft (9.5W/m)
Adhesive Backing	Yes	Max Run Length	32.8' (10m)
Mounting method	Adhesive Tape	Compatible Connectors	AL-SL-CN-WRGBW-JUMPER-1 AL-SL-CN-WRGBW-PIGTAIL-1 AL-SL-CN-WRGBW-SPLICE-1
Average Lifespan	50,000 Hours	ENVIRONMETAL	
Warranty	3 years	IP Rating	IP20
PHOTOMETRIC		Suitable Uses	Dry, Indoor
CRI	90	Max Operating Temperatures	-4 - 122° F (-20 - 50° C)
Max Luminous Flux	Up to 165 Lm/ft (533 Lumens/m)	Max Storage Temperatures	-22 - 176° F (-30 - 80° C)
Efficacy (lumens per watt)	57 Lumens/Watt	CONTROL	
Beam Angle	120°	Dimmable	Yes
LED Color	RGB + 3000K	CV or CC or SPI or DMX?	Constant Current
RGB Wavelength Ranges	See Photometric Report	STANDARDS/CERTS	CE UL RoHS LM80

TECHNICAL DRAWING



250 Watt LED Driver
Included in the 65ft Kit Only



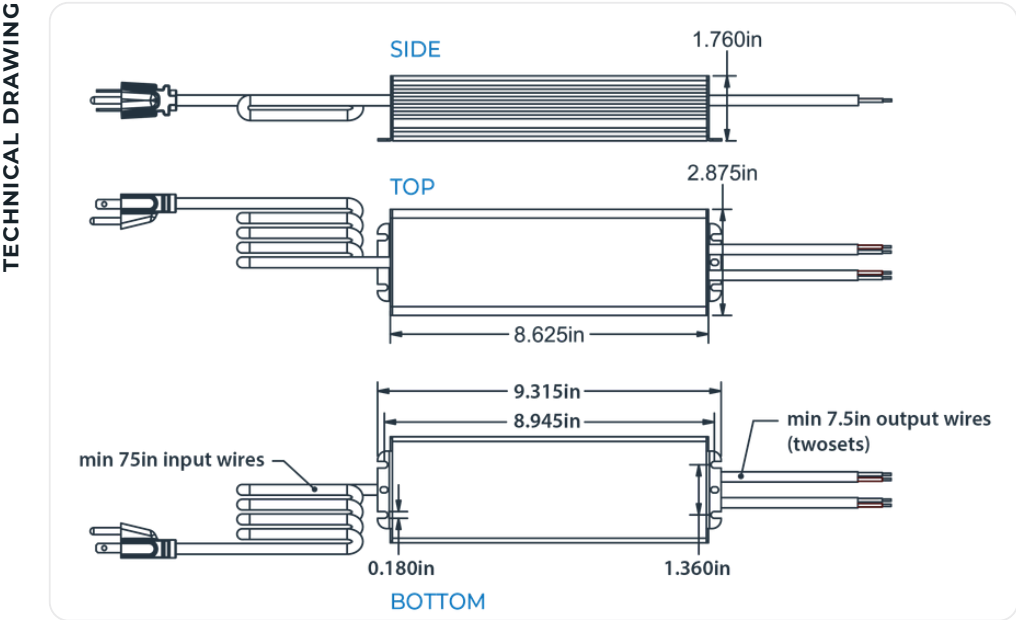
DESCRIPTION

All of our power supplies are energy efficient and eco friendly. Our power supplies feature flexible input voltage (100-265VAC) and can be ordered in 12VDC or 24VDC outputs. Wattage displayed is the Maximum Wattage. These power supplies are rated to run at 80% continuous wattage or 200 Watts continuous. To accommodate a wide variety of installation methods and applications, this power supply is manufactured with more than one output wire lead. These are not necessarily required for every application.

If your installation only requires one of the output wire leads, please separately cap the unwanted leads using wire nuts and/or electrical tape (take care to make sure the positive and negative wires do not touch each other!). Each output lead is pulling from the same source, for example a 250 Watt supply with three leads can still only give a total of 250 Watts whether you use one or all output leads.

According to the National Electrical Code (NEC), wiring exceeding 96 watts is no longer considered Class 2 wiring.

Table with specifications for AL-PS-W-250, including Physical, Electrical, Environmental, and Control sections.



300 Watt LED Driver
Included in the 98ft Kit Only

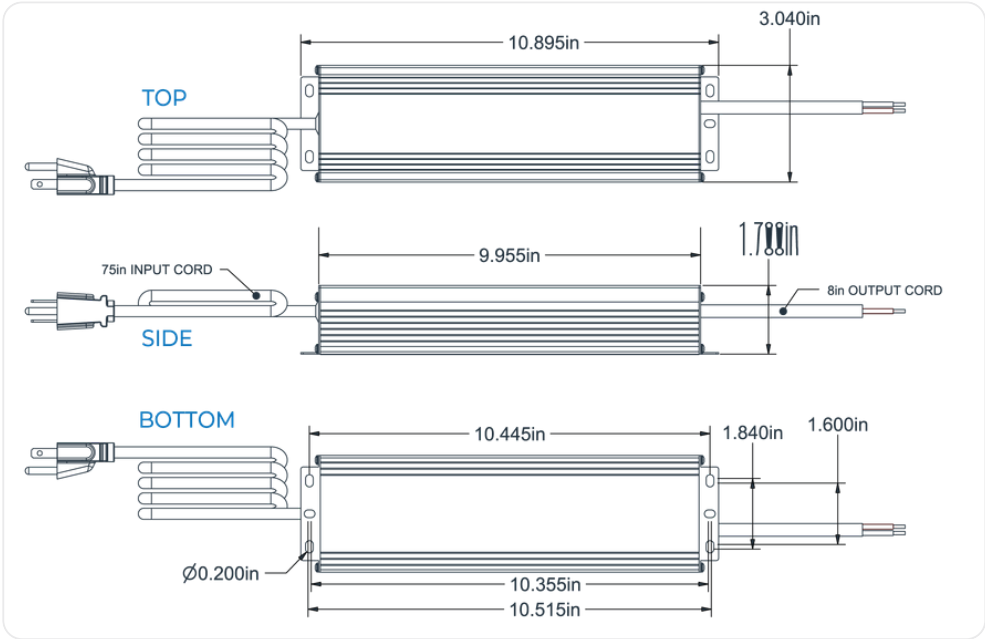


DESCRIPTION

All of our power supplies are energy efficient and eco friendly. Our power supplies feature flexible input voltage (100-277VAC) and can be ordered in 12VDC or 24VDC outputs. Wattage displayed is the Maximum Wattage. These power supplies are rated to run at 80% continuous wattage or 240 Watts continuous.

According to the National Electrical Code (NEC), wiring exceeding 96 watts is no longer considered Class 2 wiring.

TECHNICAL DRAWING



AL-PS-W-300

PHYSICAL		ELECTRICAL	
Dimensions	10"L (254mm), 3"W (76mm), 1-3/4"H (45mm)	AC Current	3.4A @ 110VAC
Weight	4.08 lbs (1.85 kg)	AC Voltage Range	100-277VAC
Mounting Method	Mounting Tabs	DC Voltage	24VDC
Housing Material	Aluminum	Efficiency	>88%
Finish Options	Storm Silver	Frequency Range	47-63Hz
Warranty	1 year	Inrush Current	20A
Recommended Enclosure (Sold Separately)	AL-PS-BX-XL (fits when label side is down)	Max. Continuous Load	240W
ENVIRONMENTAL		Max. Output Current	12.5A
IP Rating	IP67	Max. Power Consumption	300W
Max Operating Temp	-30°C to 50°C (-22°F to 122°F)	CONTROL	
Max. Storage Temp	-40°C to 80°C (-40°F to 176°F)	Dimmable	No
Suitable Uses	Dry and Damp Locations	STANDARDS/CERTIFICATIONS	
		ETL Listed RoHS CE	

Casambi Wireless DMX Controller

1 Universe, Mesh Network DMX Controller
*Included in Pre-Assembled Control Box

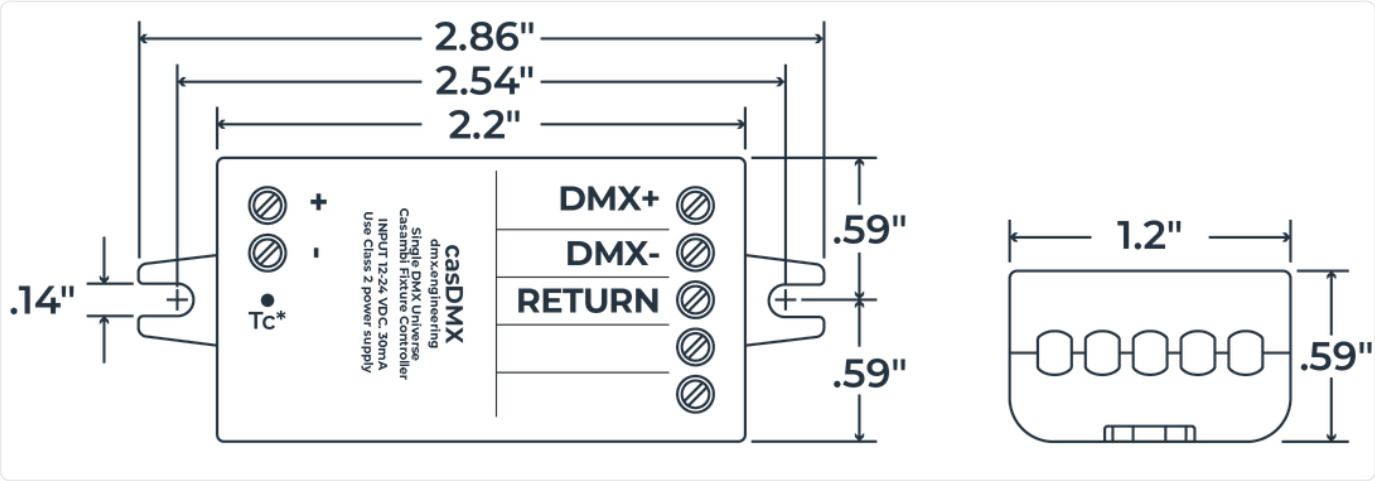


DESCRIPTION

This Casambi-enabled DMX controller makes it easy to wirelessly connect DMX-512 lighting fixtures to a Casambi network. Designed for full-color and tunable white applications, this product offers control of up to 12 DMX channels via Casambi sliders in the App's Evolution Mode. Powered by a 12VDC or 24VDC Class 2 power supply, the controller transmits a single DMX universe via Bluetooth and features a built-in long-range mesh radio module. With selectable Casambi profiles, users can easily configure the controller for 4, 8, or 12 channel operation, making it a flexible choice for lighting control. Simplify your lighting controls and improve the end-user experience immediately with this DMX controller from Casambi.

AL-CTLR-CAS-DMX			
PHYSICAL		ELECTRICAL	
Dimensions	2-3/16"(56mm), 1-3/16"(30mm), 3/4"(18mm)	Max Output Current	30mA
Weight	0.81 oz (23g)	Input and Output Voltage	12-24VDC
Mounting Method	Mounting Tabs	Output Signal	Bluetooth, DMX 512 (single universe)
Warranty	1 year	Wire Connections	14-22 AWG Solid or Stranded
Finish Options	White	ENVIRONMENTAL	
CONTROL		IP Rating	IP20
Dimmable	Yes (Casambi App)	Suitable Uses	Dry, Indoor
Wireless Protocol	Casambi Bluetooth Mesh Network	Max. Operating Temp	-25°C to 45°C (-13°F to 113°F)
STANDARDS/CERTIFICATIONS			
ETL CSA CE			

TECHNICAL DRAWING



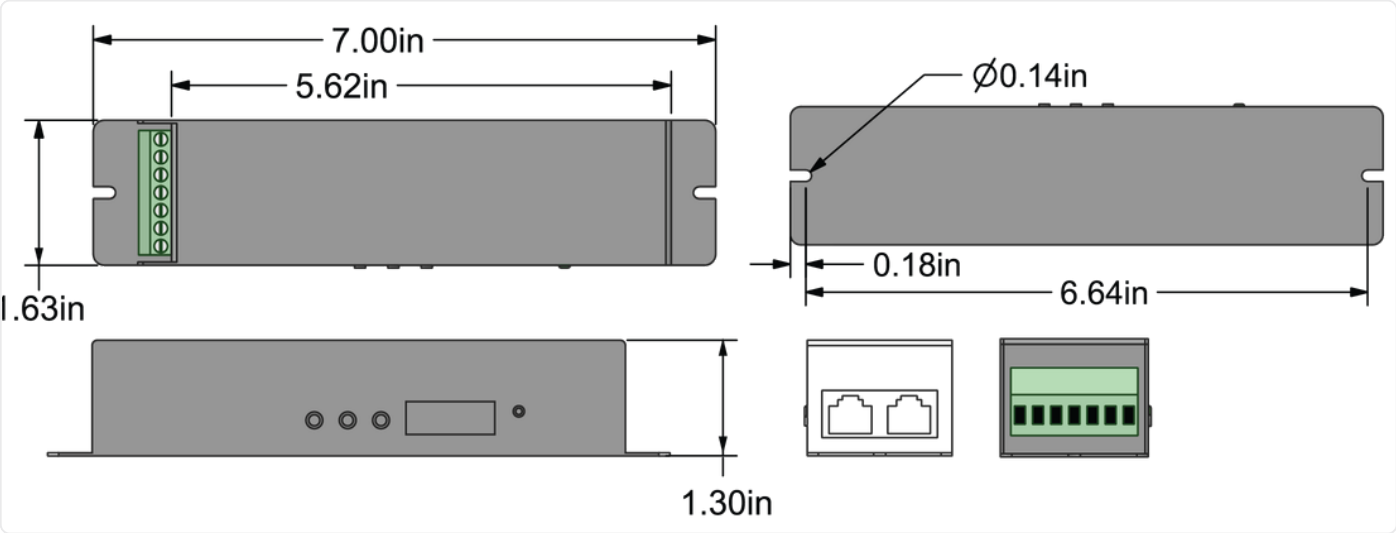
4-Channel (RGBW) DMX512 Decoder and LED Driver
*Included in Pre-Assembled Control Box



DESCRIPTION
This DMX512 Decoder and Driver takes a DMX signal and uses it to drive 4 channel RGBW (RGB+White) LED fixtures, providing full color and brightness control. Simply connect the DMX input on this unit, assign its DMX channel ID using the dip switches on the product, and connect the red, green and blue wires on your LED fixture. Within minutes, you'll be controlling your LED fixtures via DMX. This DMX512 decoder/driver is compatible with all of aspectLEDs RGB LED fixtures.
According to the National Electrical Code (NEC), wiring exceeding 96 watts is no longer considered Class 2 wiring.

Table with 4 columns: PHYSICAL, ELECTRICAL, COMPATIBILITY, STANDARDS/CERTIFICATIONS. Rows include Dimensions, Weight, Mounting Method, Warranty, Finish Options, Input Signal, Input Voltage, Max Power Consumption, Output Signal, IP Rating, Suitable Uses, Max. Operating Temp, and RoHS.

TECHNICAL DRAWING



Casambi In-Wall Wireless Dimmer Switch

Casambi Bluetooth Mesh Network



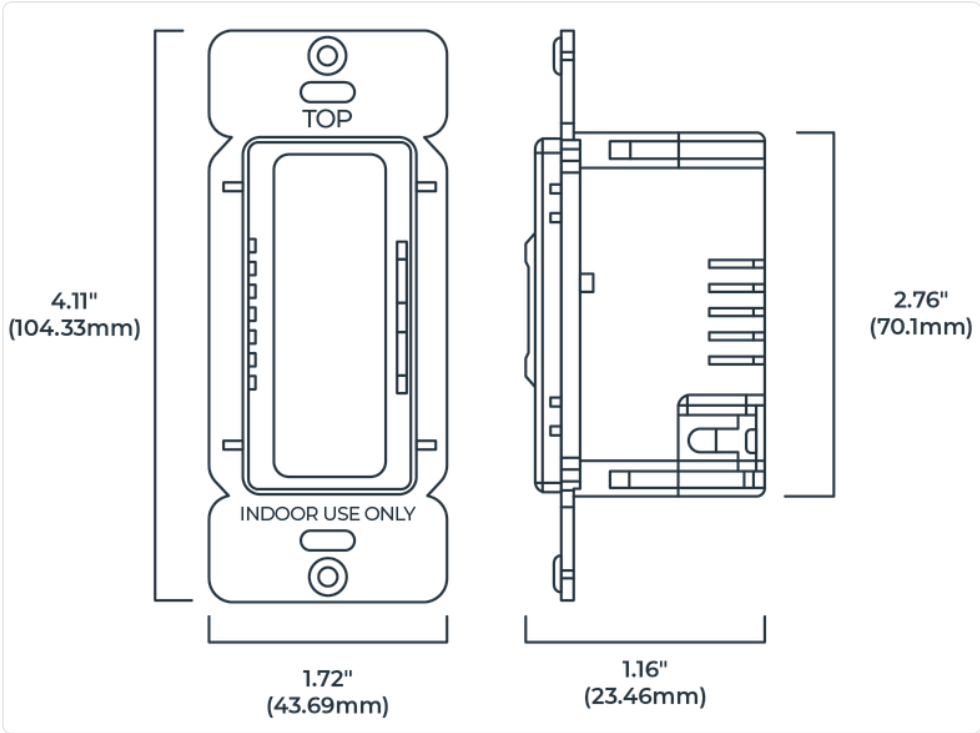
AL-CTLR-DIMSW-CAS	
PHYSICAL	
Dimensions	4.11"H (104mm), 1.72"W (44mm), 1.16"L (23mm)
Weight	0.25 lb (0.11 kg)
Mounting Method	Single Gang Box
Warranty	5 Years
Finish Options	White
ELECTRICAL	
Input Voltage	120-277VAC
ENVIRONMENTAL	
Max. Operating Temp	-25°C to 45°C (-13°F to 113°F)
Suitable Uses	Dry, Indoor
STANDARDS/CERTIFICATIONS	
UL/cUL Listed	

DESCRIPTION

This Casambi-enabled Wireless In-Wall Dimmer Switch blends the classic look and feel of a traditional wall switch with the advanced capabilities of Casambi’s wireless lighting control system. Designed to fit seamlessly into a standard single-gang wall box, this sleek, low-profile switch offers simple, one-touch control of Casambi-enabled fixtures or decoders.

Easily toggle the lights on/off, dim up or down, or trigger custom scenes and color settings with a simple press of a button. Operating on Casambi’s secure Bluetooth mesh network, the switch delivers reliable performance, real-time feedback, and easy configuration through the Casambi app.

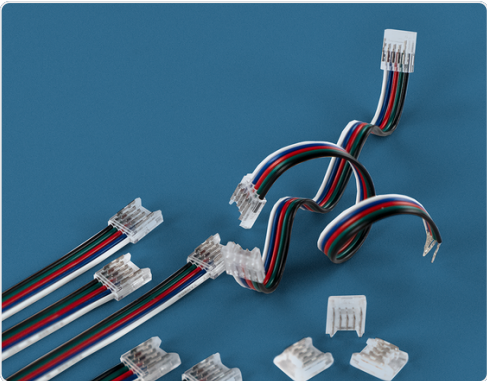
TECHNICAL DRAWING



ACCESSORIES

W-Series RGBW Solderless Bite Connectors

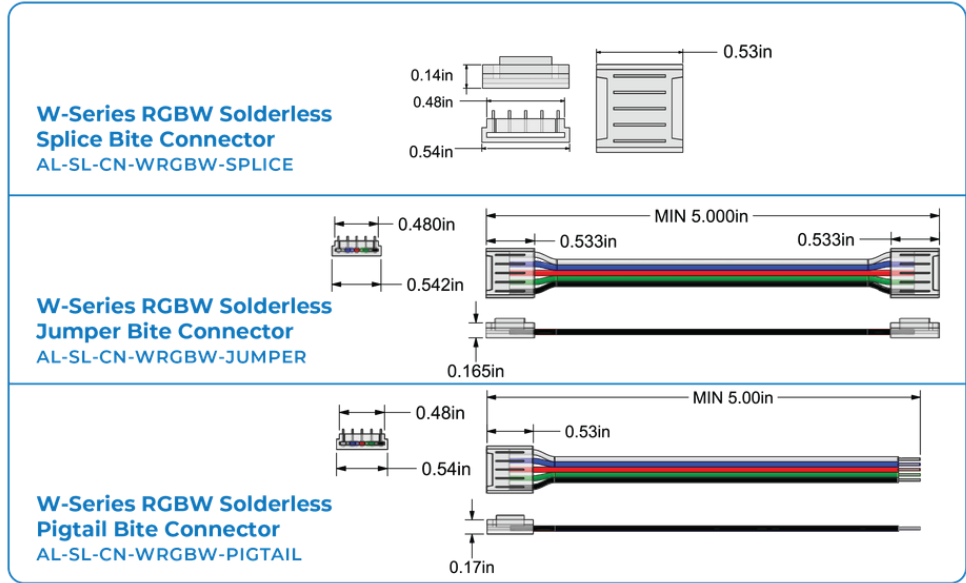
5 Pin Quick Connect Series for RGBW Color Changing Strip



DESCRIPTION

These connectors allow you to cut your strip light to length and connect to another piece of the same strip light without soldering. FOR USE ONLY WITH aspectLED LED Strip Lights. This connector pack includes Jumper, Pigtail, and Splice connector types. Be sure to observe strip light polarity at all connection points. Parallel Jaw Pliers are recommended for installation.

TECHNICAL DRAWING



AL-SL-CN-WRGBW-SPLICE-1	
PHYSICAL	
Dimensions	0.53"L x 0.53"W x 0.2"D
Weight	0.03 oz (0.7g)
Dimensions	Strip to Strip Splice
ELECTRICAL	
Max Current	4A
ENVIRONMENTAL	
IP Rating	IP20
Suitable Uses	Dry Locations Only
STANDARDS/CERTIFICATIONS	
UL/cUL Listed	

AL-SL-CN-WRGBW-SPLICE-1	
PHYSICAL	
Dimensions	0.53"L x 0.53"W x 0.2"D
Weight	0.03 oz (0.7g)
Dimensions	Strip to Strip Splice
ELECTRICAL	
Max Current	4A
ENVIRONMENTAL	
IP Rating	IP20
Suitable Uses	Dry Locations Only
STANDARDS/CERTIFICATIONS	
UL/cUL Listed	

AL-SL-CN-WRGBW-SPLICE-1	
PHYSICAL	
Dimensions	0.53"L x 0.53"W x 0.2"D
Weight	0.03 oz (0.7g)
Dimensions	Strip to Strip Splice
ELECTRICAL	
Max Current	4A
ENVIRONMENTAL	
IP Rating	IP20
Suitable Uses	Dry Locations Only
STANDARDS/CERTIFICATIONS	
UL/cUL Listed	

14 AWG 5 Conductor Stranded Wire

AL-WIRE-14-5

In-Wall Rated
30ft of wire included in kit

