



General

Length (mm)	5000
Width (mm)	12
Height (mm)	2
Housing Color	Black
Housing Material	Copper
Mounting	3M tape
Weight (g)	150
Cutting Interval (mm)	83.33
Cable Length (cm)	15 cm
Cable Type	H05RN-F3xG0.75

Electronics

Input Voltage	24 V DC
Power Consumption (W/m)	16.8
Power Supply	N/A
Luminous Efficacy	34 lm/W

Lighting

Emission	Direct
Optics (°)	120
LED Type	SMD5050 3in1
LED Quantity /m	72
LED Spacing (mm)	13.5
LEDs per Pixel	6
Pixels /m	12
Pixel Pitch	83.33 mm
Color Range	RGB
Luminous Flux	570 lm/m

Control

Control	SPI
Compatible ICs	TM1804
Control Units	Multi pixel
Number of Channels	36/m

Environmental

Storage Temperature	-40 ~ +80 °C
Operating Temperature	-20 ~ +60 °C
Ingress Protection	IP20
Safety Standards	EN 62471, EN 60598-1, EN 60598-2-20, EN 62031, EN 62493,

CE

RoHS

COMPLIANT

IP20

2 year warranty

Disclaimer

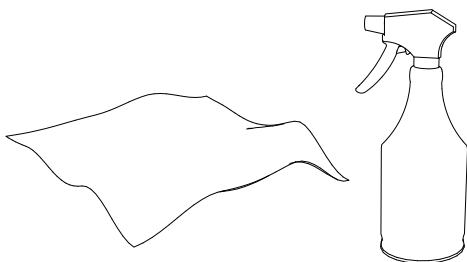
Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.

Important:

- Make sure power is disconnected during installation or maintenance
- Do not light up the strip when it's on the reel
- Keep cables and the LEDstrip protected from sharp objects to prevent damage
- Do not fix the LEDstrip onto wood or powdercoated material
- Align polarity when connecting the LEDstrip
- Do not twist, bend or fold the LEDstrip at sharp edges

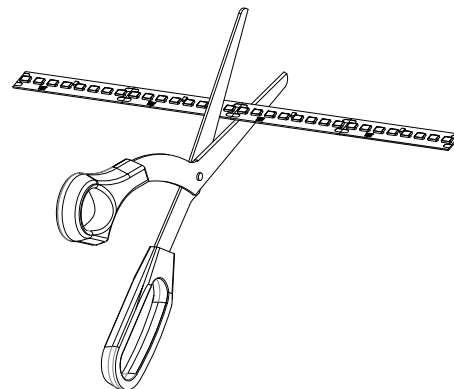
1.

Prepare the mounting surface by removing dirt, debris or moisture.



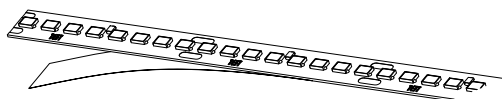
2.

The LEDstrip can be cut to size at the indicated cutting intervals.



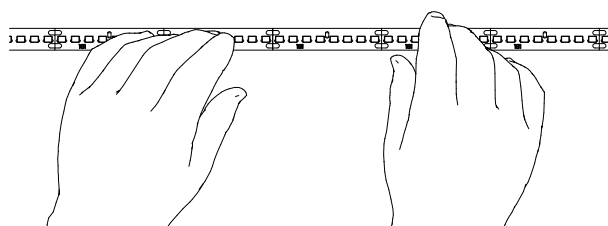
3.

Remove the backing by peeling it off.



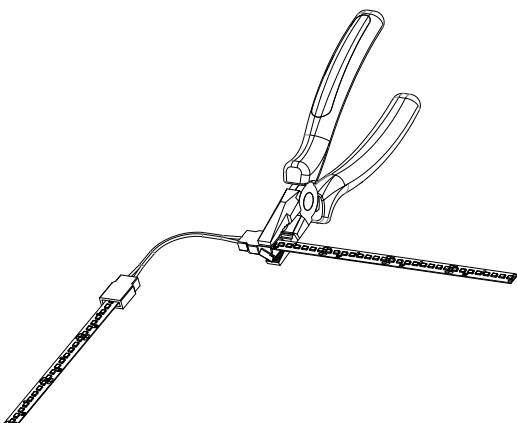
4.

Fix onto the surface by gently pushing the LEDstrip. Make sure no air pockets will form underneath the LEDstrip.



5.

When using the cable connector, make sure the connector is properly connected to the strip. The connector can be tightened by a crimping tool.



Tips:

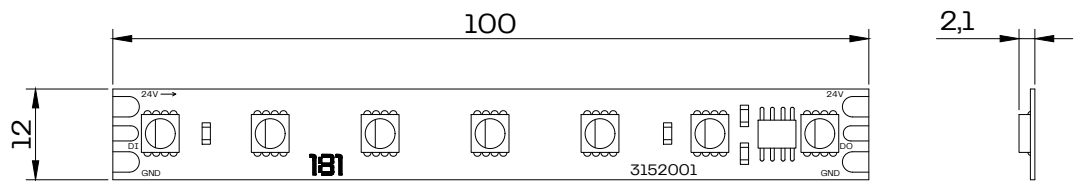
Use 3M Primer on the mounting surface for better bonding.

Before powering the system, check if all polarities are aligned.

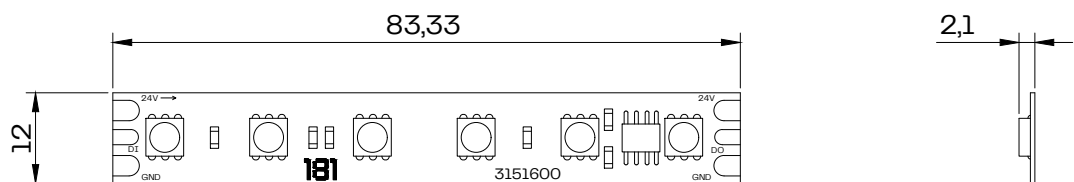
It's always recommended to solder the cables.

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DiGi LEDstrip RGBW 100mm
SCALE 1:1



DiGi LEDstrip RGB 83mm
SCALE 1:1



DiGi LEDstrip RGB 38mm
SCALE 1:1



DiGi LEDstrip RGB 16mm
SCALE 1:1

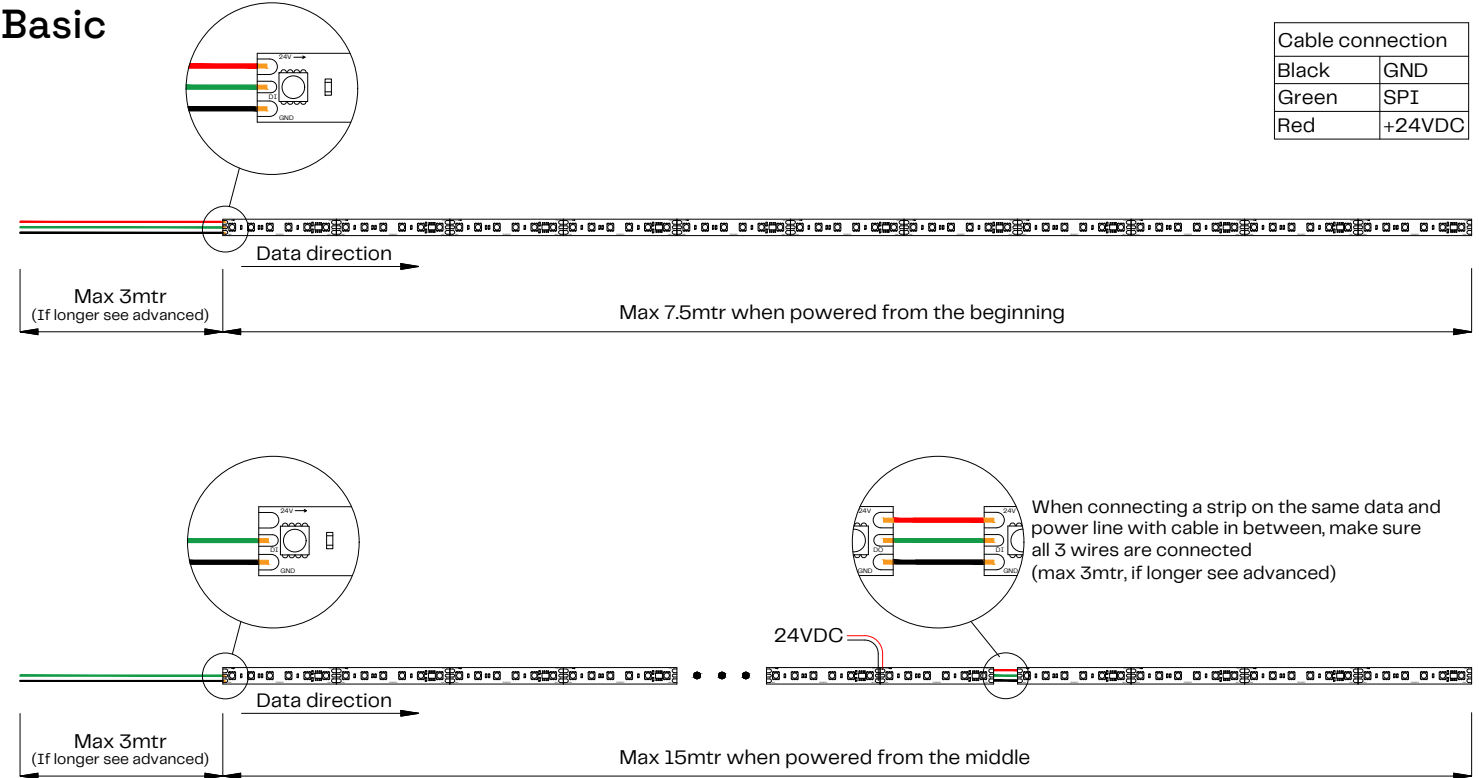


DiGi LEDstrip AmberDrift
SCALE 1:1

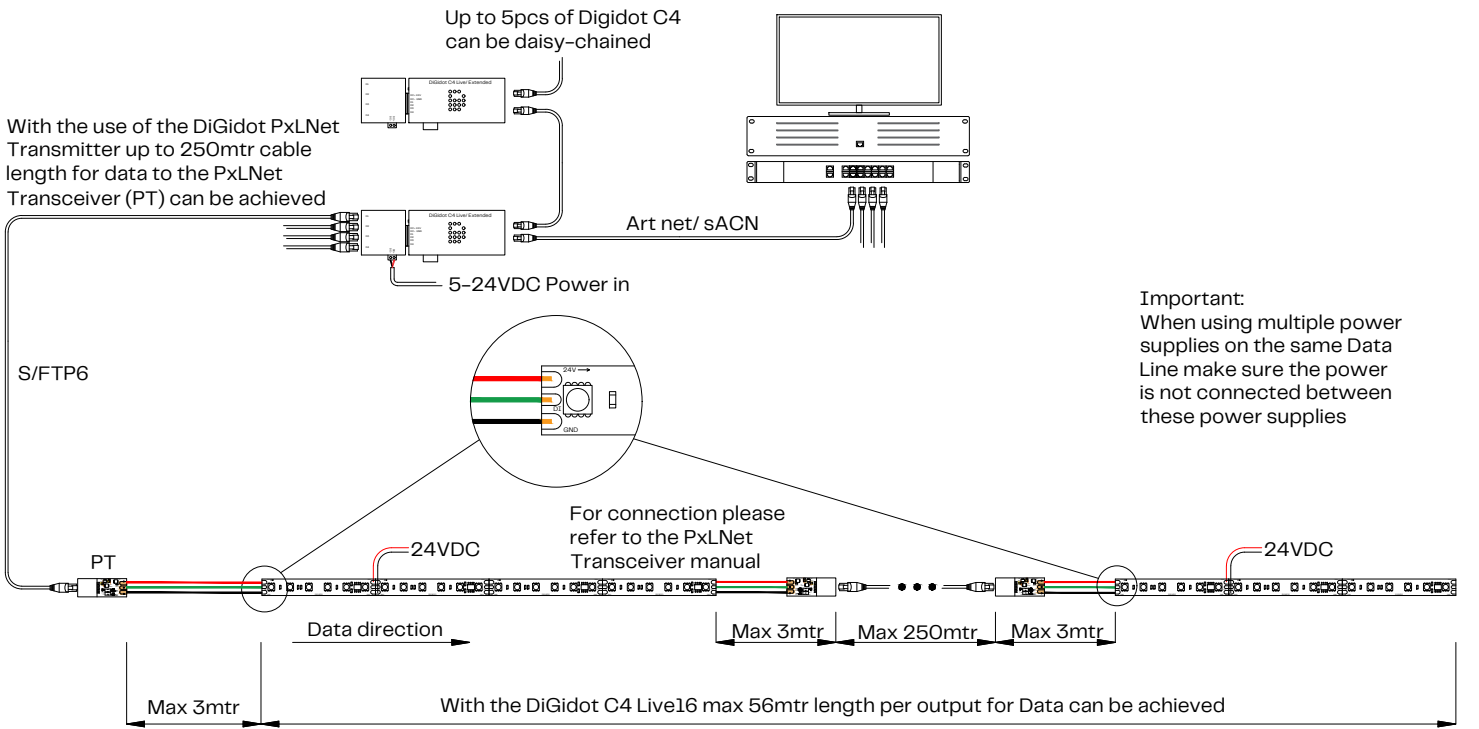
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Basic



Advanced



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