

# 8P PIXEL TAPE

INSTALLATION GUIDE  
ID: 3474813



FOLLOW THE INSTRUCTIONS BELOW OR  
YOU WILL EXPERIENCE POOR PRODUCT PERFORMANCE AND FAILURE.



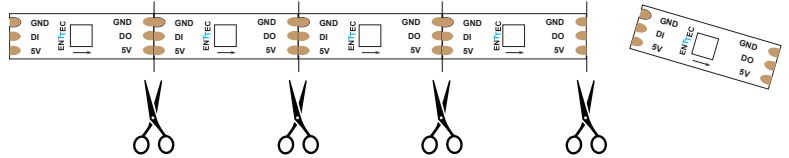
## MAXIMUM RUN LENGTH

COLOUR AND LUMEN OUTPUT WILL BE AFFECTED IF MAXIMUM LENGTH IS EXCEEDED. TEST CONDUCTED AT MAXIMUM BRIGHTNESS USING 5 VOLT DRIVER.

	LEDS PER METRE	MAXIMUM LENGTH			
		WHITE	RED	GREEN	BLUE
SINGLE POWER INJECTION	30	5m	5m	5m	5m
	60	1.5m	5m	5m	5m
DUAL POWER INJECTION	144	1m	2m	2m	2m
	30	5m	7m	7m	7m
DUAL POWER INJECTION	60	5m	7m	7m	7m
	144	1m	2m	2m	2m

## CUTTING

ONLY CUT ALONG THE LINES MARKED ON THE TAPE



## ADHESIVE APPLICATION

- THE TAPE WILL NOT ADHERE TO TEXTURED OR LOW SURFACE ENERGY MATERIALS
- THE BEST SURFACE FOR LONG LASTING ADHESION IS CLEAN RAW METAL
- CLEAN SUBSTRATE WITH ALCOHOL AND A CLEAN CLOTH
- PEEL OFF PROTECTIVE BACKING TO REVEAL ADHESIVE
- APPLY PRESSURE WHEN ADHESIVE FIXING TO SUBSTRATE

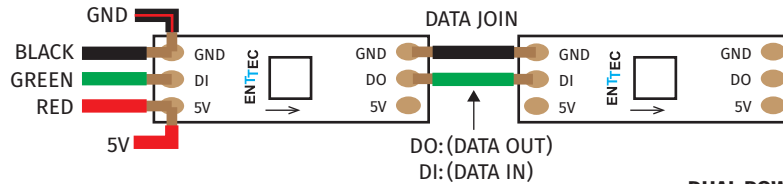
## THERMAL MANAGEMENT

- THESE TAPES PRODUCE HEAT, THERMAL MANAGEMENT MUST BE CONSIDERED.
- THE MORE LEDS PER METRE THE MORE HEAT.
- ENTTEC RECOMMENDS USING AN ALUMINIUM PROFILE TO MANAGE HEAT.
- EACH APPLICATION IS DIFFERENT, ENTTEC RECOMMENDS TESTING A SECTION OF TAPE IN ITS FINISHED ENVIRONMENT TO ENSURE THE THERMAL MANAGEMENT IS SATISFACTORY.

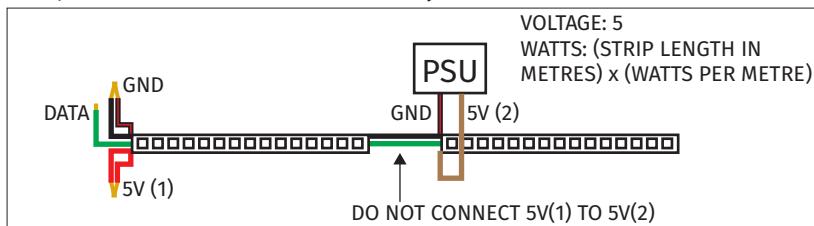


## WIRING SCHEMATIC

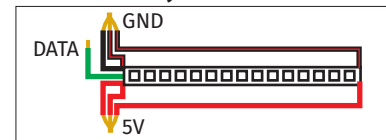
- SELECT THE MOST SUITABLE OPTION FROM BELOW. SOLDER OR CRIMP IS RECOMMENDED TO COMBINE MULTIPLE WIRES.
- IF WIRE COLOURS VARY AND YOU ARE UNSURE PLEASE CONTACT ENTTEC OR YOUR SUPPLIER FOR FURTHER ADVICE.
- THE MIDDLE WIRE WILL ALWAYS BE DATA.



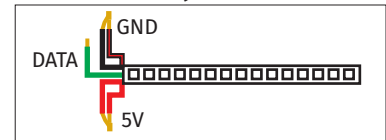
### DATA JOIN WITH MULTIPLE SINGLE POWER INJECTIONS



### DUAL POWER INJECTION

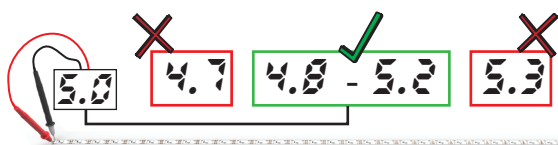


### SINGLE POWER INJECTION



## VOLTAGE DROP TESTING

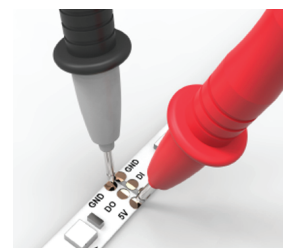
USE MULTIMETER TO TEST FOR VOLTAGE DROP TEST WHERE POWER IS INJECTED. IF PROBLEMS OCCUR ALSO METER THE END OF THE STRIP.



POWER INJECTION

SET LED COLOUR TO FULL WHITE

END



PUSH PROBES THROUGH PROTECTIVE SILICONE TO MAKE CONTACT