



## Octopus Single RGB Rainbow LED

The Pi Supply Octopus Single RGB Rainbow LED features an on-board smart LED and an integration of control circuit and light-emitting circuit. It can be operated under a low voltage with a high luminance and large angle scattering.

### Characteristics

- With data transmitting in single line and with unlimited concatenation.
- With circuit adjusted by gray level(256 level gray can be adjusted )
- With built-in power on reset and power down reset circuit, the LED doesn't turn on when power off.
- The red led is set through special processing to make the color more balanced.
- The data transmission frequency can reach to 800Kbps. When the refresh rate is 30 frames/second, the number of cascades is over 1024 points.

## What are Octopus Electronic Bricks?

Pi Supply Octopus Electronic Bricks can be used to build electronics projects just as easy as piling bricks. You can also connect Arduino compatible boards easily with various digital, analog and I2C/Uart interfaces. The breadboardless connections let you connect expansion modules like potentiometers, sensors, relays, servos, buttons in a plug and play way.

### What's Included

- 1 x Octopus Single RGB Rainbow LED
- 1 x 3 pin F/F jumper wire

