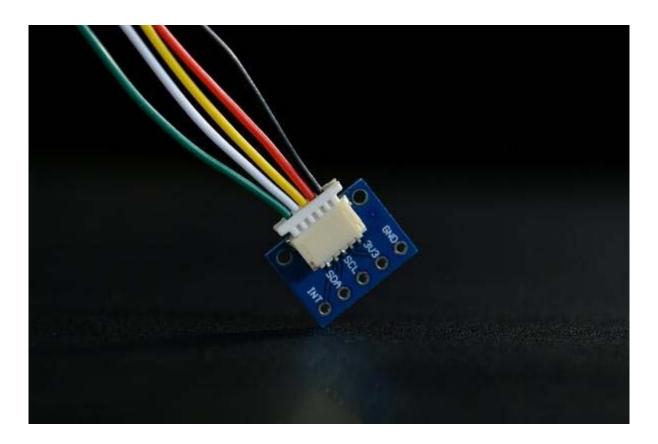# 5-PIN WIRELING CABLE

ASR00022

- DESCRIPTION

Wirelings use a **5 Pin Cable** in order to make our platform plug-and-play so you can build fast without soldering or using messy breadboards. These cables come in lengths of 50mm, 100mm, and 200mm and a variety of quantities.

These cables can be cut and used to solder other components so that they can be easily used with all of the Wireling Platform.

- **Power**: Two wires are used for **power (3V3)** and **ground (GND)** in order to power the connected Wireling (of course!)
- **Communication**: Many Wirelings use I²C, a serial communication protocol that uses two other wires for **SDA** and **SCL** to collect complex data like temperature readings.
- **Analog Pin**: The fifth wire is connected to an **Analog pin** for Wireling that just need an I/O pin to function, like the Momentary Button, and the RGB LEDs.