

Know Your Resistors

COMMON RESISTOR VALUES: Resistors are electronic components that have a specific, never-changing electrical resistance. The resistor’s resistance limits the flow of electrons through a circuit. Included in your kit are both 330Ω resistors and 10kΩ resistors, two very common values that can be used in numerous circuits.

YOUR KIT INCLUDES:



10KΩ RESISTOR



330Ω RESISTOR

IDENTIFYING OTHER RESISTORS

MOST RESISTORS, not just the ones included with your SparkFun Inventor’s Kit, use the same system of colored bands to identify how much resistance they can provide to a circuit. **FOR MOST BASIC RESISTORS, SIMPLY ADD TOGETHER VALUES OF THE FIRST THREE COLOR BANDS TO GET THE TOTAL RESISTANCE VALUE.**

