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Qwiic Cable - 500mm

PRT-14429

DESCRIPTION FEATURES DOCUMENTS

This is a 50mm long 4-conductor cable with 1mm JST termination. It's designed to connect Qwiic enabled components together but can be used for other applications as well.

Each Qwiic Cable's wires have been color coded to red, black, blue and yellow.

This cable is used for connecting Qwiic boards that need to be very far away from the controller. Note that I^2C signals will degrade over longer distances. We recommend keeping the connections to 1 meter or less. That said, we've daisy-chained boards 2 meters (four of these cables) away from a RedBoard successfully. Your mileage may vary.

The SparkFun Qwiic connect system is an ecosystem of I^2C sensors, actuators, shields and cables that make prototyping faster and less prone to error. All Qwiic-enabled boards use a common 1mm pitch, 4-pin JST connector. This reduces the amount of required PCB space, and polarized connections mean you can't hook it up wrong.

Tags

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No matter your vision, SparkFun's products and resources are designed to make the world of electronics more accessible. In addition to over 2,000 open source components and widgets, SparkFun offers curriculum, training and online tutorials designed to help demystify the wonderful world of embedded electronics. We're here to help you start something.

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