

# HighSpeed Encoder Cable 50cm



## Pin-Out

- Ground – Black
- Index (Optional) – Green
- A Channel – White
- +5V DC – Red
- B Channel – Brown

Connector used is a Molex 50-57-9405.

The index channel is used by some encoders to keep track of the number of full rotations the encoder has made. Encoder boards that don't support indexing can still use this cable to read the encoder.

## Product Specifications

### Physical Properties

Connector A	Encoder 5-Wire
Connector B	Encoder 5-Wire
Cable Length	500 mm
Cable Gauge	26 AWG

## Connects to

- 1047 – PhidgetEncoder HighSpeed 4-Input
- 1057 – PhidgetEncoder HighSpeed
- Common encoders such as the 3530 – Optical Rotary Encoder