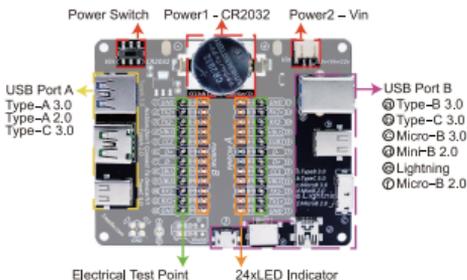


USB Cable Tester Manual



1. USB Ports



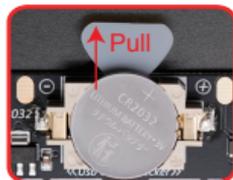
2. USB Cable Tester Pinouts

Pinrow B	Name	Description
B1	GND	Ground
B2	TX2+	SuperSpeed differential pair 3 TX
B3	TX2-	SuperSpeed differential pair 3 TX
B4	VBUS	Bus power
B5	CC2	Configuration channel
B6	D+	USB Data Positive
B7	D-	USB Data Minus
B8	SBU2	Side Band Use (SBU)
B9	VBUS	Bus power
B10	RX1-	Super Speed differential pair 2, RX
B11	RX1+	Super Speed differential pair 2, RX
B12	GND	Ground

Pinrow A	Name	Description
A12	GND	Ground
A11	RX2+	Super Speed differential pair 4, RX
A10	RX2-	Super Speed differential pair 4, RX
A9	VBUS	Bus power
A8	SBU1	Side Band Use (SBU)
A7	D-	USB Data Minus
A6	D+	USB Data Positive
A5	CC1	Configuration channel
A4	VBUS	Bus power
A3	TX1-	SuperSpeed differential pair 1 TX
A2	TX1+	SuperSpeed differential pair 1 TX
A1	GND	Ground

3. Battery Usage Instruction

1. Pull out the plastic tab by the battery(3-1)
2. If you want to remove the battery, please follow the picture and use a tool to take out the battery.(3-2)
3. Insert the battery into the battery holder at a 45-degree angle, and switch the toggle to 'CR2032.' Be careful not to insert the battery vertically, as this will push the positive terminal of the battery holder (the two yellow metal points on the right) below the battery, causing the test board to not function properly.(3-2)



3-1



3-2

4. Instructions for Use:

1. Measurement Types: Type-B 3.0, Type-B 2.0, Type-C 3.0, Micro-B 3.0, Micro-B 2.0, Mini-B 2.0, Lightning.
Because the pins of TypeC 3.0 are the same as those of TypeC 3.1 and TypeC 3.2, they are compatible with TypeC 3.1 and TypeC 3.2.
2. Insert a CR2032 button battery or connect Vin ($3V < V_{in} < 12V$). Ensure the power switch is set correctly based on the connected power source.
3. Connect the USB cable to be tested. The LED on the corresponding pin will illuminate. (Please note that short-circuited pins, diodes, active electronics, or other cable faults may lead to inaccurate results.)

