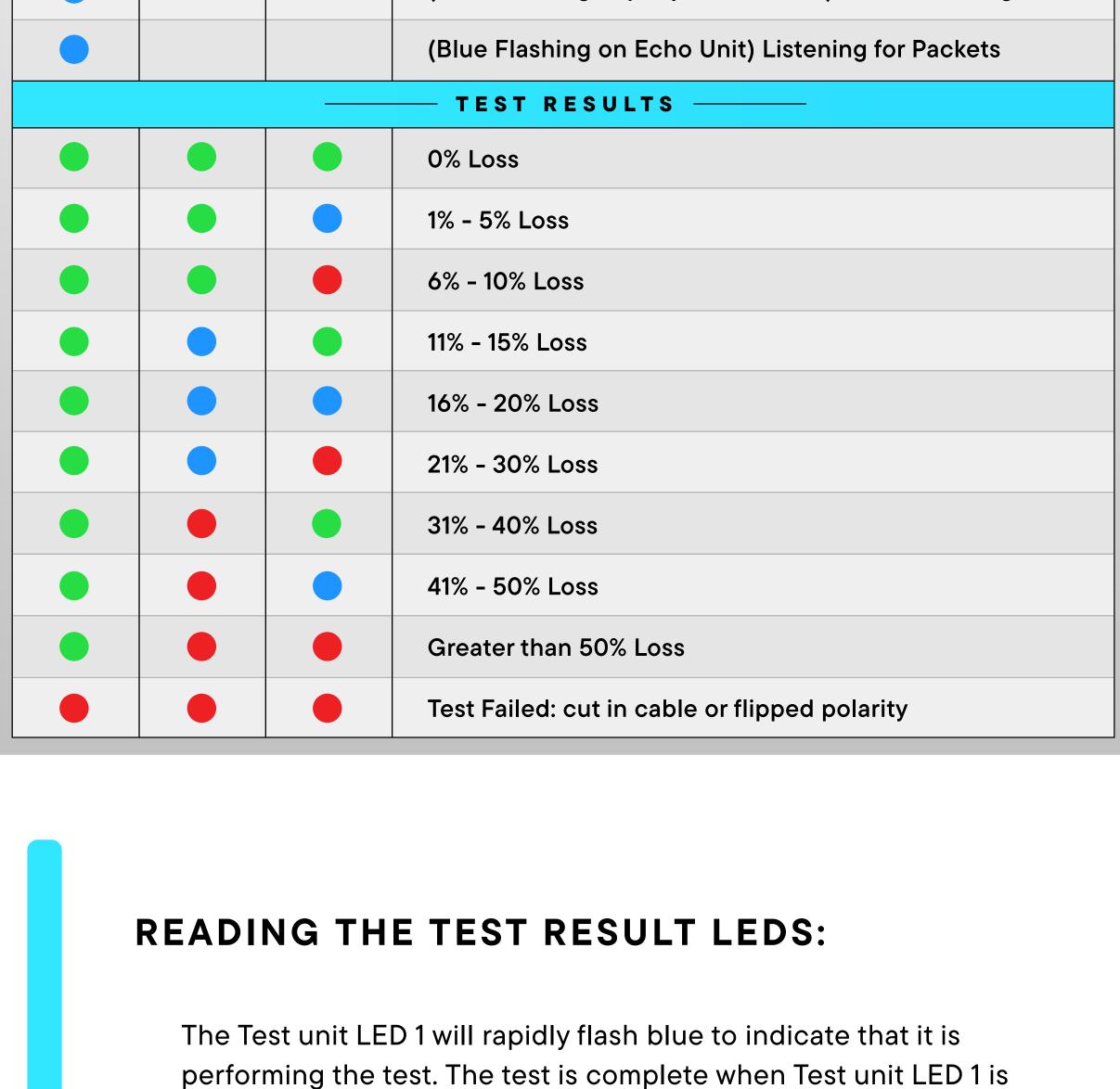
CYPRESS

- 4. Wait near the Test unit until the Cable Test is complete. This should take approximately 60 seconds for a basic test. 5. When the test is complete, reference the Test Result LED
- LED TABLE LED 2 LED 3 DESCRIPTION **DURING TEST**



power cycle the unit to restart the test.

A failed test indicates that the Test unit did not receive any

echoed OSDP messages from the Echo unit (no connection) or

the OSDP polarity between the Test and Echo unit is reversed.

Baud Rate 10 8 9 9600 19200 Χ 38400 Х

VIEWING RESULTS FOR EACH BAUD RATE The test results are displayed per baud rate. The different results

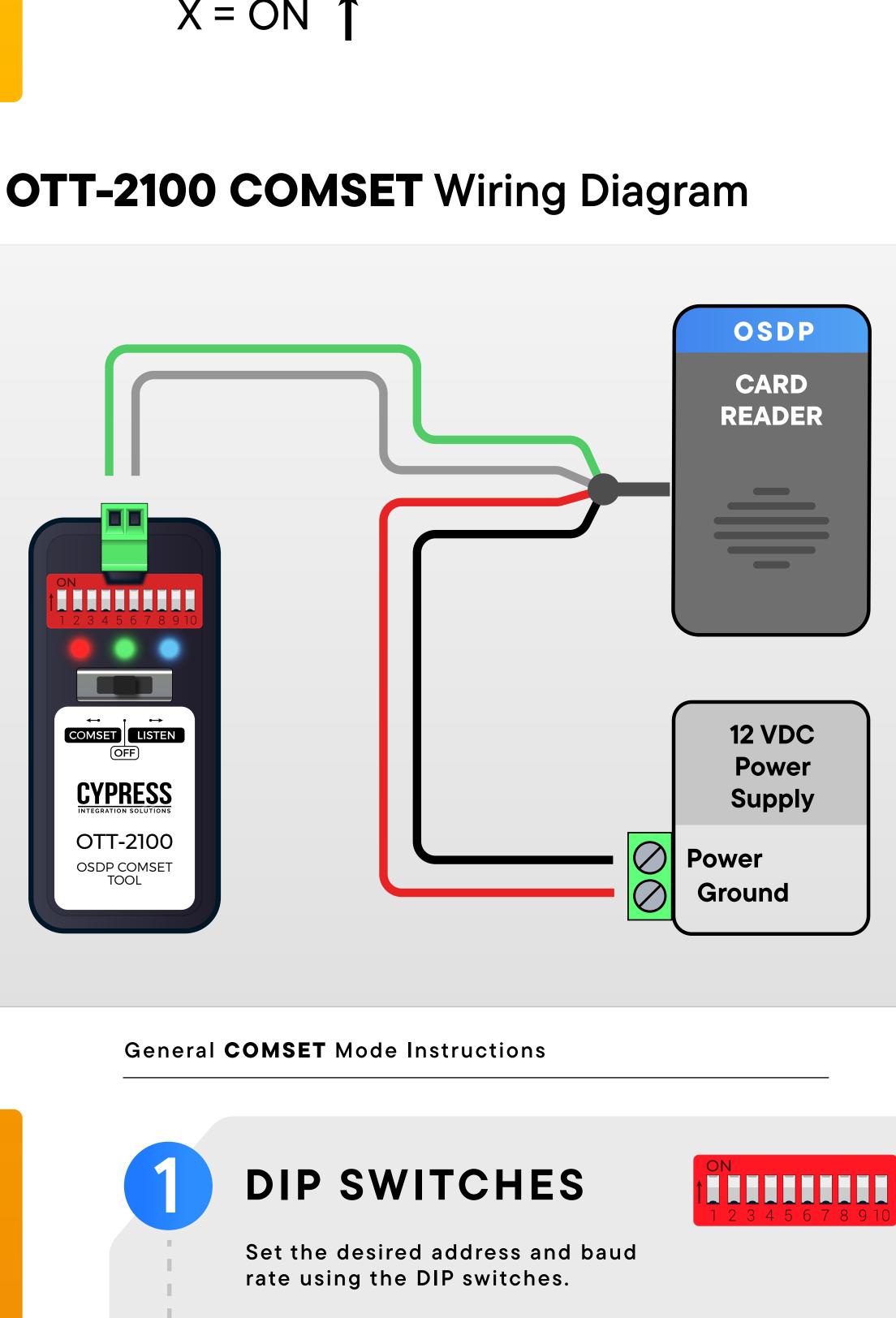
and 10. The displayed DIP switches are char	I test results are changed in real time as the nged.
•	shows how to set DIP switches 8, 9, and 10 ults for the different baud rate.

OSDP Address Select Baud Rate Select

0 9600 1 Χ 2 Χ

6

5



polarity switching feature will allow communication regardless of the polarity.

on in COMSET Mode.

CONNECT

Once the OTT-2100 has established communication with the OSDP reader LED 1 will be flashing green.

> **CYPRESS** OTT-2100 OSDP COMSET

> > COMSET LISTEN

CYPRESS

OTT-2100

OSDP COMSET TOOL

CYPRESS

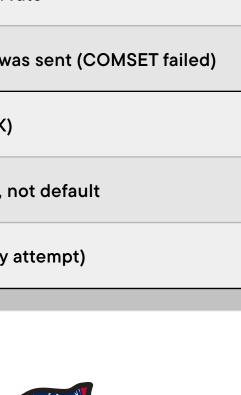
CYPRESS

OTT-2100 OSDP COMSET

CYPRESS

OTT-2100 OSDP COMSET

After the address and baud rate have been configured the OTT-2100 will attempt to start a Secure Channel session with the OSDP reader. LED 3 will be solid green when communicating with the OSDP reader



8:30AM - 7:00PM EST

COMSET MODE

in a Secure Channel session with the default Secure Channel Base Key (SCBK). LED TABLE LED STATE **MEANING**

LED Green (Flashing) LED 1 Blue (Flashing) LED 1 LED 1 Red (Solid) LED 2 Green (Solid) LED 2 Blue (Solid) LED 2 Red (Solid LED 3 Green (Solid) LED 3 Blue (Solid) LED 3 Red (Solid)

CYPRESS

INTEGRATION SOLUTIONS

RUNNING A TEST:

3. If the OSDP polarity is flipped between the two OTT-2100 units, turn on DIP switch 6 on the Test unit to change the polarity. Indicated by 3 red LEDs on the Test unit.

Test unit

Codes table to get the test results. There is a test result for

each baud rate, to view different baud rates change DIP switches 8-10.

TEST MODE LED 1

either solid green (test complete), or solid red (test failed). The Echo unit LED 2 will flash blue during testing to indicate that it is listening for packets, the LEDs will not change state after the test is complete.

To change the polarity on the Test unit, turn on DIP switch 6 and When the test is complete the Test unit will display the results on LEDs 2 and 3, as shown in the table below. The test results for one specific baud rate are displayed. ST RESULTS

X = ONfor each baud rate can be shown by changing DIP switches 8, 9,

57600

115200

230400

Use the d

Address

5

ESTABLISH COMMUNICATION LED 1 will be flashing blue while the OTT-2100 is attempting to establish communication with the OSDP reader.

COMMUNICATING WITH READER LED 1 will continue flashing green while communicating with the OSDP

Communicating with the PD

PD accepted the new address, but rejected the new baud rate PD did not send COM reply after the COMSET command was sent (COMSET failed) PD has the default OSDP Secure Channel Base Key (SCBK) PD has a custom OSDP Secure Channel Base Key (SCBK), not default PD is not capable of Secure Channel sessions (rejects any attempt)

Cable Test Procedure

(DIP switch 7 On)

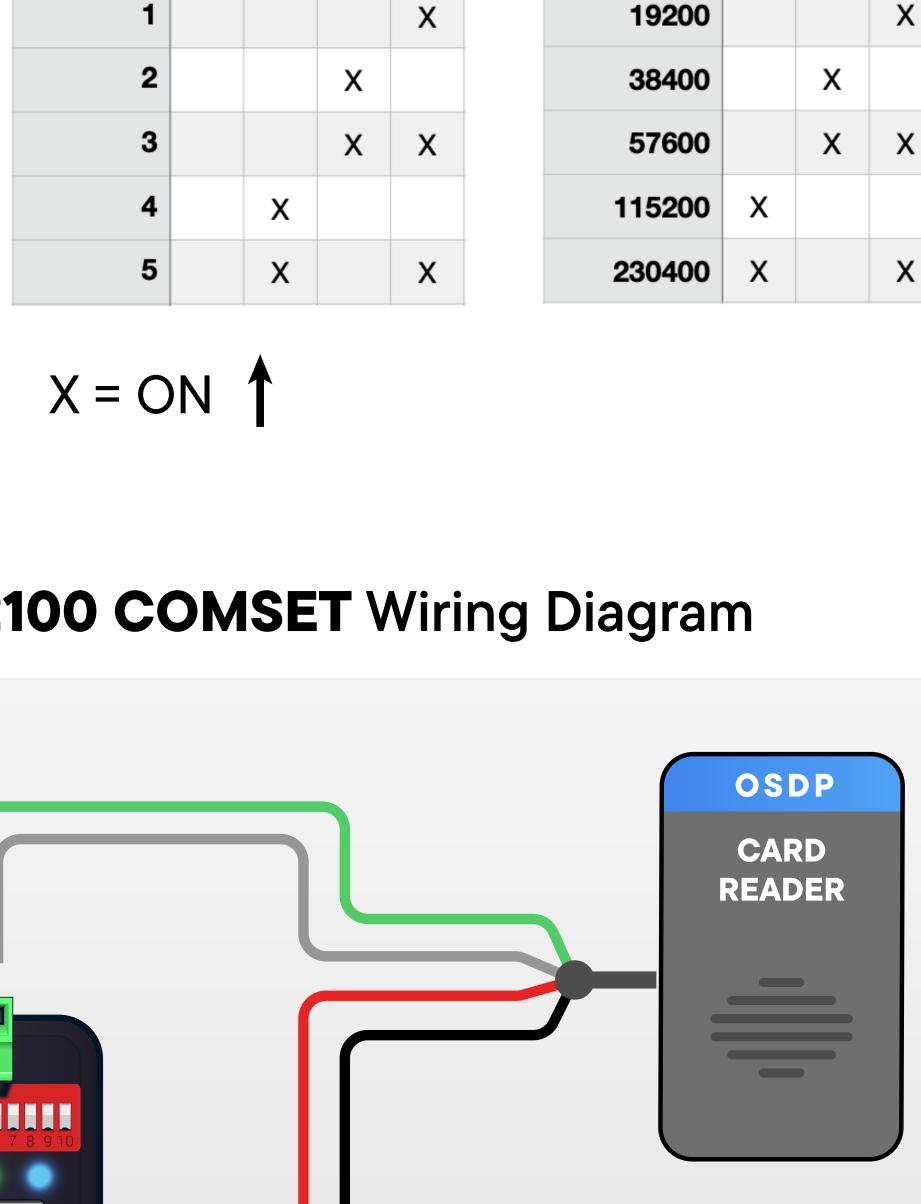
Echo unit (DIP switch 7 Off)

CYPRESS

(Blue Flashing Rapidly on Test Unit) Test is Running

Χ Χ Χ Χ Х

OTT-2 Sold as Single I		
COMSET Procedure		
DIP switches 1-7 to select desired OSDP address	Use DIP switches 8-10 to select the desired baud rate.	



Baud Rate

10

the two OSDP data lines to the removable screw terminal block. The polarity of the OSDP data lines does not matter, as the

COMSET MODE

Turn the Power/Mode switch to the

left position to power the OTT-2100

Connect the single OSDP reader or

PD to the OTT-2100 by connecting

CONNECTION TO READER

COMMUNICATING WITH READER

reader. Once the OSDP reader address

and baud rate have been configured,

LED 2 will turn solid green.

Searching for PD Low battery voltage PD's address and baud rate have been set to the selected values

> **Need Help?** Talk to a real

> > person.

810 245 2300