This is a USB to TTL Serial Cable which allows for a simple way to connect TTL interface devices to USB. The I/O pins of this cable are configured to operate at 3.3V specifically with a Raspberry Pi with each serial pin broken apart. Thanks to its separated pins, this cable is a perfect candidate for powering, connecting, and accessing the login and debug console on the Raspberry Pi.

The FTDI cable is designed around an FT232, which is housed in a USB-A connector. The other side of the cable is terminated with a separated 4-pin connector with the following pinout: RX (Yellow), TX (Orange), VCC (Red), and GND (Black).

Note: Please be aware that while the I/O pins in this cable operate at 3.3V, the VCC pin is 5V. The VCC pin is NOT 3.3V like the I/O pins.