**Receiver (Complete Unit with coil antenna $100.25)**

FeatherWing Triple (base unit) $8.50

<https://www.adafruit.com/product/3417>

Adafruit Feather M0 with RFM95 LoRa Radio - 900MHz – RadioFruit $34.95

<https://www.adafruit.com/product/3178>

Adafruit Featherwing GPS receiver $24.95

<https://www.adafruit.com/product/3133>

Adafruit Featherwing Display Unit/Control Buttons (with headers) $15.95

<https://www.adafruit.com/product/3045>

Large battery $14.95

<https://www.adafruit.com/product/328>

Antenna Options:

Simple Spring (coil) Antenna $.95

<https://www.adafruit.com/product/4269>

OR

uFL SMT Connector $.75

<https://www.adafruit.com/product/1661>

900 Mhz Antenna $12.75

<https://www.adafruit.com/product/3340>

Optional:

Battery patch cable with switch $2.95

<https://www.adafruit.com/product/3064>

3D Printed Case for Base Unit

With Spring Antenna:

With large antenna:

See BaseUnitBottomOfCase.stl and BaseUnitTopOfCase.stl

**Transmitting Unit ($66.85)**

Adafruit Feather M0 with RFM95 LoRa Radio - 900MHz – RadioFruit $34.95

<https://www.adafruit.com/product/3178>

GPS receiver

Option 1, smaller: $29.95

<https://www.adafruit.com/product/746>

Option 2, feather: $24.95

<https://www.adafruit.com/product/3133>

400mah LIPO battery $6.95

<https://www.adafruit.com/product/3898>

Quarter Wavelength Wire antenna (3.12inches) (free)

http://www.csgnetwork.com/antennagenericfreqlencalc.html