It is a buy block, and so we can choose the easiest option available.

But, it must meet the transmission requirement \*verify\*: 400m not LoS.

Will’s choice (did not work): Adafruit RFM95W. After reading specs, it is 500M LoS. Thats why

My faves:

<https://www.multitech.com/brands/multiconnect-mdot> / <http://www.multitech.net/developer/products/multiconnect-dot-series/multiconnect-mdot/>

<https://www.cooking-hacks.com/sx1272-lora-module-for-arduino-raspberry-pi-intel-galileo-900-mhz>

The chosen one:

<https://www.arrow.com/en/products/mtdot-923-as1-x1p-sma-1/multi-tech-systems?utm_campaign=octopart_2018&utm_currency=USD&utm_keyword=MTDOT-923-AS1-X1P-SMA-1&utm_medium=aggregator&utm_content=inv_listing&utm_source=octopart>

<https://www.arrow.com/en/products/mtdot-923-as1-x1-ufl-50/multi-tech-systems>

<https://www.multitech.com/documents/publications/data-sheets/86002171.pdf>

LoRa technical documents:  
<https://medium.com/home-wireless/testing-lora-radios-with-the-limesdr-mini-part-2-37fa481217ff>

<https://www.cooking-hacks.com/documentation/tutorials/extreme-range-lora-sx1272-module-shield-arduino-raspberry-pi-intel-galileo/>

<https://ubidots.com/docs/devices/mDotArduino.html#multitech-multiconnect-mdot-with-arduino-and-ubidots>

<https://help.ubidots.com/connect-your-devices/connect-a-multitech-mdot-arduino-board-to-transmit-data-to-a-conduit-gateway>

<https://www.cooking-hacks.com/documentation/tutorials/extreme-range-lora-sx1272-module-shield-arduino-raspberry-pi-intel-galileo/>

Notes:

Thailand LoRa:

AS923-925

Used in Brunei, Cambodia, Hong Kong, Indonesia, Laos, Taiwan, Thailand, Vietnam

Uplink:

923.2 - SF7BW125 to SF12BW125

923.4 - SF7BW125 to SF12BW125

923.6 - SF7BW125 to SF12BW125

923.8 - SF7BW125 to SF12BW125

924.0 - SF7BW125 to SF12BW125

924.2 - SF7BW125 to SF12BW125

924.4 - SF7BW125 to SF12BW125

924.6 - SF7BW125 to SF12BW125

924.5 - SF7BW250

924.8 - FSK

Downlink:

Uplink channels 1-10 (RX1)

923.2 - SF10BW125 (RX2)

Okay to use in US too!

902 928 This band is used in the Amateur Radio Service and the Location and Monitoring Service (LMS). Operation of unlicensed Part 15 Devices is permitted between 902 and 928 MHz.

<https://fccid.io/frequency-explorer.php?lower=923&upper=923>