

## Yagi Antenna

Components			
Component	Price	URL	Notes
RTL SDR Blog V3	\$33.95	<a href="#">Amazon</a>	
Superbat RF coaxial SMA Male to SMA Female	\$9.49	<a href="#">Amazon</a>	
RF DC Block 2W SMA Connector	\$11.99	<a href="#">Amazon</a>	
Nooelec SAWbird+ H1	\$44.95	<a href="#">Amazon</a>	Low noise amplifier (LNA) designed for 21 cm hydrogen line
Yagi Wifi Antenna 2.4 GHz	\$29.98	<a href="#">Amazon</a>	
<b>Cost</b>	<b>\$130.36</b>		

\*Prices may vary

## Assembly

1. Attach Superbat cable to Yagi antenna
2. Attach Nooelec SAWbird+ H1 low noise amplifier (LNA) to Superbat cable
3. Attach RF DC block to LNA
4. Attach RTL SDR to RF DC block
5. Plug USB side of RTL SDR into USB port on laptop

