IQ NCC 4G Cartridge
Directional Antenna – Signal Booster
Installation Tips

The Intelligent Use of Water.™
NCC 3G/4G Cartridge

Cellular Tower

IQ Direct Satellite

IQ Direct Satellite

IQ Server Satellite

IQ Client Satellites

PE Cable

Spread Spectrum Radio

Wireless Router

Ethernet / LAN

Wi-Fi / LAN
4G NCC Cartridge – Signal Booster

- A Signal Booster is a powered device that increases the 3G/4G signal strength/quality
- The Signal Booster is installed between the 3G/4G cartridge and the antenna (internal or external)
4G NCC Cartridge – Signal Booster

- The Signal Booster kit comes with adapters for the Signal Booster to connect to the antenna and cartridge
  - **Adapters** - RF coaxial adapter **SMA female to MCX male** (to connect the supplied cable to the 3G/4G cartridge)
  - **Adapters** - RF coaxial adapter **SMA Male to MCX Female** (to connect the Rain Bird antenna to the Signal Booster)

- Once all connections are complete, power up the Booster
4G NCC Cartridge – Directional Antenna

- The Directional Antenna is a cellular antenna that increases the 3G/4G signal strength/quality
- The directional antenna is installed in place of the Rain Bird 3G/4G internal antenna
- The directional antenna is “pointed” towards the nearest AT&T cell tower
4G NCC Cartridge – Directional Antenna

- To locate the closest tower, use one of the following apps:
  - FindTower
  - AT&T Coverage Map
  - How to find cell towers near you

- Install tips:
  - Install on pole or near the edge of a building
  - Adjust the direction until the strongest signal strength/quality is reached

- Installation video: [DA Install Video](#)
FREQUENTLY ASKED QUESTIONS
FAQs

- Q:
- A: