



# ATOM 11dBi

## Outdoor CPE

## Flexible. Affordable. NLOS-busting.

The Baicells 11dBi model Atom CPE is the choice for short range non-line of sight LTE CPE connectivity. With a wider beam, it maximizes collection of nearby reflection to optimize link quality. It's also our lowest priced outdoor CPE. The 11dBi Atom is constructed in a form factor that allows for seamless insertion into existing reflectors.

### Smooth Upgrades

Many operators already have reflectors at their current customer locations. The Atom 11dBi CPE allows you to upgrade the client side to LTE without changing the client premise mount or entering the residence or business.

### Plug-and-Play

The Atom 11dBi CPE, like all of Baicells' products, uses plug-and-play technology. This enables you to have your equipment up and running in record time, minimizing frustration.

### Durable

The Atom CPE is an IP65 unit, so it's protected from potential water or dust damage in most situations

### LTE Integration

Baicells is committed to standards, so your Atom CPE should seamlessly connect to any standard TDD LTE base station on the same band.

# Technical Specifications

**3GPP:** R9, TDD Mode

**Band:** 41 & 42/43

**Bandwidth:** 5/10/15/20MHz

**Output Power:** 23dBm (200mW)

**Receiving Sensitivity:** -94dBm

**Ethernet LAN Port:** One RJ-45 port 10/100 auto-sensing, auto MDX

**LED Indicators:** Power/LTE Signal/LAN Indicator

**Frequency:** 3.5GHz

**Antenna:** 11dBi

**Gross Throughput:** DL 110Mbps, UL 20Mbps

**USIM:** Support 1.8/3.3V 2FF USIM

**Environmental:** IP65

**Operating Temperature:** -40 ~ 55 °C

**Storage Temperature:** - 40 ~ 70 °C

**Operating Humidity:** 5 ~ 95 %

**Power over Ethernet**

**Dimensions(LxWxD):** 9 1/2" x 5 3/8" x 2 7/8"  
(24cm x 13.6cm x 7.3cm)

**Weight:** < 1 lbs (0.4kg)

**Port View**

