



ATOM R9

**3.5GHz 11dBi
Outdoor CPE**

Flexible. Affordable. NLOS-busting.

The Baicells 11 dBi 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 residents or business.

Durable

The Atom R9 CPE is an IP65 unit so it's protected from potential water or dust damage that can stem from a wide range of suitable operational environments.

Plug-and-Play

The Atom R9 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.

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, FDD 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

Antenna: 11dBi

Gross Throughput: DL 110Mbps, UL 20Mbps

USIM: Support 1.8/3.3V 2FF USIM

Environmental: IP65

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

