# Product Data Sheet

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## KP-DK-LD-ATOMGEN2

BaiCells Atom OD04-14 Outdoor UE Radio Mount with Large Reflector Dish Antenna for 2GHz/3GHz GEN 2 Radios– 4 Pack Box

- Rugged, high-grade aluminium bracket

### Electrical Specification

| | | | |
|---|---|---|---|
| Radio Model Number | | Baicell EG7035L-M1 | Baicell EG7035L-M2 |
| Frequency Band | MHz | 2300-2690 | 3400-3800 |
| Reflector Gain | dBi | 21±0.5 | 24±0.5 |
| Reflector Gain Over Radio | dBi | 10±0.5 | 10±0.5 |
| Polarization | | Slant ±45° (D) | Slant ±45° (D) |
| Horizontal HPBW | Degrees | 10 | 8 |
| Vertical HPBW | Degrees | 15 | 13 |
| Front-to-Back Ratio | dB | 25 | 25 |

### Mechanical Specifications

| | |
|---|---|
| Electrical Grounding | Reflector grounded to mounting bracket |
| Surface Finish | Matt Powder Coat |
| Max. Wind Speed | 160km/h \| 100mph |
| Temperature Range | -40° to +60°C \| -40° to +140° F |
| Mounting Type | Pipe Mount |
| Mounting pole diameter | 25 mm – 100 mm \| 1¼ in – 4 in |

### Reflector Dimensions

| | |
|---|---|
| Length | 650 mm \| 25.5 in |
| Width | 590 mm \| 22 in |
| Height | 690 mm \| 27 in |
| Net Weight, with brackets | 5.9 kg \| 13 lb |

### FCC Information

**Antenna Data**

| | | |
|---|---|---|
| 16) Transmitter Antenna Manufacturer: | 17) Transmitter Antenna Model Number: | |
| 18) Transmitter Antenna Gain (dBi): | 19) Transmitter Antenna Beamwidth (Degrees): | 20) Transmitter Antenna Center Line (meters-AGL): |
| 21) Transmitter Antenna Azimuth (Degrees): | 22) Transmitter Antenna Elevation Angle (Degrees): | |
| 23) Polarization: D | | |
| 24) Receiver Antenna Manufacturer: KP Performance Antennas | 25) Receiver Antenna Model Number: KP-DK-LD-ATOMGEN2 | |
| 26) Receiver Antenna Gain (dBi): | 27) Receiver Antenna Beamwidth (Degrees): | |
| 28) Receiver Antenna Center Line (meters-AGL): | 29) Receiver Antenna Azimuth (Degrees): | 30) Receiver Antenna Elevation Angle (Degrees): |

Additional Instructions
*26) Receiver Antenna Gain (dBi): Enter reflector gain of your radio model number.
*27) Receiver Antenna Beamwidth (Degrees): Enter horizontal HPBW of your radio model.

ANTENNAS ENGINEERED & MANUFACTURED TO EXCEED INDUSTRY STANDARDS

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