ONECELL® Radio Point 2000 - Americas 1 Radio, 3 Bands, Internal Antenna

- Pooled baseband processing with centralized scheduler
- Smart Reuse for multi-sector throughput without border handovers or interference
- Single PCI across multiple Radio Points
- Joint Transmission and Reception
- No borders or handovers within controller

Product Classification

Product Type: Radio point
Product Brand: ONECELL®

General Specifications

Technology: LTE MIMO
Application: LTE delivery for public venues and large enterprises
Antenna Location: Internal
Antenna Quantity: 2
Boot and Storage Security: Secure Boot, Secure Storage (TrE)
Controller to RP Management Security: HTTPS
Fronthaul and OTA Security: PDCP ciphering
Fronthaul Interface: IP Ethernet LAN
General Standard: 3GPP Release 10 Local Area Base Station
Health Standard: FCC Part 24E  |  FCC Part 27
Modulation Type: DL: QPSK, 16QAM, 64QAM  |  UL: QPSK, 16QAM
Physical Interface: RJ45/GigE
Timing and Synchronization: IEEE 1588 v2 (from controller)
Transmit Power: 2 x 125 mW

Dimensions

Height: 235 mm  |  9.252 in
Width: 188 mm  |  7.402 in
Depth: 38.3 mm  |  1.508 in
## Electrical Specifications

<table>
<thead>
<tr>
<th>Input Voltage Range</th>
<th>PoE+</th>
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### Electrical Safety Standard
- CAN/CSA 22.2 no. 950  
- UL 60950-1 (2nd Edition 2011)

### Electromagnetic Compatibility (EMC)
- US FCC Part 24E  
- US FCC Part 27

### Frequency Band
- 1900 MHz  
- 2100 MHz  
- 700 MHz

### License Band
- 10  
- 12  
- 13  
- 17  
- 2  
- 25  
- 4

### Power Consumption
- 25 W

## Mechanical Specifications

### Transportation Vibration Standard
- ISTA-3A

## Environmental Specifications

### Operating Temperature
- 0 °C to +50 °C (+32 °F to +122 °F)

### Fire Rating Standard
- UL 2043

## Packaging and Weights

### Weight, net
- 1.2 kg  
- 2.646 lb