



## 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

<b>Brand</b>	OneCell®
<b>Product Type</b>	Radio point

### General Specifications

<b>Application</b>	LTE delivery for public venues and large enterprises
<b>Fronthaul Interface</b>	IP Ethernet LAN
<b>Physical Interface</b>	RJ45/GigE

### Electrical Specifications

<b>Electrical Safety Standard</b>	CAN/CSA 22.2 no. 950   IEC 60950-1:2005 (2nd Edition) +A1:2009   UL 60950-1 (2nd Edition 2011)
<b>Electromagnetic Compatibility (EMC)</b>	US FCC Part 24E   US FCC Part 27
<b>Input Voltage Range</b>	PoE+
<b>Power Consumption</b>	25 W

### Radio Specifications

<b>Antenna Location</b>	Internal
<b>Antenna Quantity</b>	2
<b>Frequency Band</b>	1900 MHz   2100 MHz   700 MHz
<b>License Band</b>	10   12   13   17   2   25   4
<b>Modulation Type</b>	DL: QPSK, 16QAM, 64QAM   UL: QPSK, 16QAM
<b>Technology</b>	LTE MIMO
<b>Timing and Synchronization</b>	IEEE 1588 v2 (from controller)
<b>Transmit Power</b>	2 x 125 mW

### Security Specifications

<b>Boot and Storage Security</b>	Secure Boot, Secure Storage (TrE)
<b>Controller to RP Management Security</b>	HTTPS

**Fronthaul and OTA Security** PDCP ciphering

## Environmental Specifications

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

## Industry And Government Compliance

**Fire Rating Standard** UL 2043  
**General Standard** 3GPP Release 10 Local Area Base Station  
**Health Standard** FCC Part 24E | FCC Part 27  
**Radio Standard** FCC Part 24E | FCC Part 27  
**Transportation Vibration Standard** ISTA-3A

## Dimensions

**Depth** 38.30 mm | 1.51 in  
**Height** 235.00 mm | 9.25 in  
**Net Weight** 1.20 kg | 2.65 lb  
**Width** 188.00 mm | 7.40 in

## Regulatory Compliance/Certifications

**Agency**  
RoHS 6/6 EU

**Classification**  
Compliant

