



## ONECELL® Radio Point 2000 - International 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>Product Type</b>	Radio point
<b>Product Brand</b>	ONECELL®

### General Specifications

<b>Technology</b>	LTE MIMO
<b>Application</b>	LTE delivery for public venues and large enterprises
<b>Antenna Location</b>	Internal
<b>Antenna Quantity</b>	2
<b>Boot and Storage Security</b>	Secure Boot, Secure Storage (TrE)
<b>Controller to RP Management Security</b>	HTTPS
<b>Fronthaul and OTA Security</b>	PDCP ciphering
<b>Fronthaul Interface</b>	IP Ethernet LAN
<b>General Standard</b>	3GPP Release 10 Local Area Base Station
<b>Health Standard</b>	EN 50385:2002   EN 62311:2008 (Safe touch) in progress
<b>Modulation Type</b>	DL: QPSK, 16QAM, 64QAM   UL: QPSK, 16QAM
<b>Physical Interface</b>	RJ45/GigE
<b>Radio Standard</b>	EN 301 908-1 V6.2.1 (2013-04)   EN 301 908-14 V6.2.1 (2013-10)   R&TTE Directive 1999/5/EC: 3.2
<b>Timing and Synchronization</b>	IEEE 1588 v2 (from controller)
<b>Transmit Power</b>	2 x 125 mW

### Dimensions

<b>Height</b>	235 mm   9.252 in
<b>Width</b>	188 mm   7.402 in

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**Depth** 38.3 mm | 1.508 in

## Electrical Specifications

**Electrical Safety Standard** AM 1:2009 | AM 2:2013 | IEC 60950-1 Second Edition

**Electromagnetic Compatibility (EMC)** EN 301 489-1 V1.9.2 (2011-09) | EN 301 489-50 V1.2.1 (2013-03)

**Frequency Band** 1800 MHz | 2100 MHz | 2600 MHz

**License Band** 1 | 3 | 7

**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

## Regulatory Compliance/Certifications

Agency	Classification
CE	Compliant with the relevant CE product directives

