



## OneCell® Ruggedized Radio Point 2000-International 1 Radio, 3 Bands, External 4.3-10 DIN antenna ports

- 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>	AM 1:2009   AM 2:2013   IEC 60950-1:2005 (2nd Edition)
<b>Electromagnetic Compatibility (EMC)</b>	EN 301 489-1 V1.9.2 (2011-09)   EN 301 489-50 V1.2.1 (2013-03)
<b>Power Consumption</b>	25 W

### Radio Specifications

<b>Antenna Interface</b>	4.3-10 coaxial connector
<b>Antenna Location</b>	External
<b>Antenna Quantity</b>	2
<b>Frequency Band</b>	1800 MHz   2100 MHz   2600 MHz
<b>License Band</b>	1   3   7
<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
<b>Fronthaul and OTA Security</b>	PDCCP ciphering

## Environmental Specifications

<b>Ingress Protection Test Method</b>	IEC 60529:2001, IP66
<b>Operating Temperature</b>	-40 °C to +60 °C (-40 °F to +140 °F)

## Industry And Government Compliance

<b>General Standard</b>	3GPP Release 10 Local Area Base Station
<b>Health Standard</b>	EN 50385:2002
<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>Transportation Vibration Standard</b>	ISTA-3A

## Dimensions

<b>Depth</b>	107.00 mm   4.21 in
<b>Height</b>	235.00 mm   9.25 in
<b>Net Weight</b>	3.60 kg   7.94 lb
<b>Width</b>	235.00 mm   9.25 in

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
RoHS 6/6 EU	Compliant
CE	Compliant with the relevant CE product directives, Declaration of Conformity (DoC) available

