



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

| | |
|---------------------|-------------|
| Brand | OneCell® |
| Product Type | Radio point |

General Specifications

| | |
|----------------------------|--|
| Application | LTE delivery for public venues and large enterprises |
| Fronthaul Interface | IP Ethernet LAN |
| Physical Interface | RJ45/GigE |

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) |
| Power Consumption | 25 W |

Radio Specifications

| | |
|-----------------------------------|--|
| Antenna Location | Internal |
| Antenna Quantity | 2 |
| Frequency Band | 1800 MHz 2100 MHz 2600 MHz |
| License Band | 1 3 7 |
| Modulation Type | DL: QPSK, 16QAM, 64QAM UL: QPSK, 16QAM |
| Technology | LTE MIMO |
| Timing and Synchronization | IEEE 1588 v2 (from controller) |
| Transmit Power | 2 x 125 mW |

Security Specifications

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|---|-----------------------------------|
| Boot and Storage Security | Secure Boot, Secure Storage (TrE) |
| Controller to RP Management Security | HTTPS |
| Fronthaul and OTA Security | PDPC 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 EN 50385:2002 | EN 62311:2008 (Safe touch) in progress
Radio Standard 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
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 | Classification |
|-------------|--|
| RoHS 6/6 EU | Compliant |
| CE | Compliant with the relevant CE product directives, Declaration of Conformity (DoC) available |

