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

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: EN 50385:2002 | EN 62311:2008 (Safe touch) in progress
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

- **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**: CE
- **Classification**: Compliant with the relevant CE product directives