#### **RADWIN HPMP 5000L Model**

Sector Base Station - Data Sheet (RW5000/HBS-Pro/5LB5/F54/ETSI/INT)



RW-5LB5-2154

## **Product Description**

RW-5LB5-2154 is a sector Base Station radio unit (HBS) that provides up to 250 Mbps net aggregate throughput while delivering access connectivity for up to 16 Subscriber Units (HSU).

RW-5LB5-2154 supports 5.4 to 5.8 GHz and complies with ETSI regulations.

The radio comes with an integrated antenna.

### **Product Highlights**

- Up to 250 Mbps net aggregated throughput
- Long range Up to 40 km / 25 miles
- Built-in GPS for intra and inter site TDD synchronization
- Supports up to 16 HSUs
- Guaranteed Service Level Agreement (SLA) per HSU
- Exceptional short and constant latency
- Single radio supporting multiple bands
- Advanced MIMO, OFDM and Diversity technologies
- Robust and reliable operation in harsh conditions, extreme temperatures and nonline-of-sight scenarios
- Ease of operation and maintenance



# **Product Specifications:**

Configuration  Architecture Outo PoE to ODU Interface Outo Radio  Max Capacity 250 Subscriber Units support Up to Range Up to Channel Bandwidth Com Modulation MIIM Adaptive Modulation & Coding Support (DBA) DFS Support Support Support Support Support (DBA) DFS Support S
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Integrated Antenna		
Gain	12 dBi	
Detailed Gain	4.900 - 5.100GHz: 12.0dBi	
	5.150 - 5.250GHz: 12.0dBi	
	5.300 - 5.950GHz: 13.0dBi	
	6.000GHz: 12.0dBi	
VSWR	2.0:1	
3 dB Azimuth Beamwidth	90 Deg. (Typ)	
3 dB Elevation Beamwidth	12 Deg. (Typ)	
Polarization	Dual Linear (Vertical and Horizontal)	
Sidelobes Level	-25 dB(typ)	
Cross Polarization	-27dB (typ)	
F/B Ratio	-30 dB	
Port To Port Isolation	40 dB (typ)	
Lightning Protection	DC Grounded	
Antenna Pattern		
Elevation @ 5.60	GHz Azimuth @ 5.6GHz	
-50 -60 -70 -80 -100 -110 -120 -130 -140 -150 -160 -170 180 170	30	

#### **Ordering Info**

Part Number: RW-5LB5-2154

Description: RADWIN 5000L ODU, with an integrated antenna, supporting multi frequency bands at 5.x GHz, factory default 5.4 GHz ETSI.

\* May be limited by regulation in the specific band being used

Datasheet information can be changed by manufacturer without prior notice

