RADWIN HPMP MultiSector Series

Sector Base Station - Data Sheet (RW5000/HBS-MS/5PG5/F54/UNI/INT)



RW-5PG5-9154

Product Description

RADWIN MultiSector base station is a compact 5.x GHz dual-carrier base station that can support up to 4 antennas: two integrated, and two external.

Each carrier feeds one integrated and one external antenna and boosts them with up to 750Mbps net throughput. The integrated 90° antennas together cover 180°.

The external antennas are connected to the base station over TNC connectors, either as a self-backhaul or as sector antennas, extending the coverage up to 360°.

The MultiSector base station includes a built in GPS receiver and antenna for TDD synchronization. It is connected to the WAN over single PoE or SFP.

RW-5PG5-9154 supports 4.9 to 6 GHz.

Product Highlights

- Dual-carrier base station
- Up to 1500 Mbps (2 x 750 Mbps) net aggregated throughput
- Supports up to 4 antennas:
 - 2x integrated sector antennas
 - 2x external antennas (TNC connectors)
- Optional self-backhaul
- Supports up to 128 SUs
- Best-Effort or CIR service level per SU
- Short range applications
- RADWIN unique air interface
- Auto MIMO 2x2/Diversity per SU
- Robust and reliable operation in harsh conditions and extreme temperatures
- IP-67 compliant
- Exceptionally compact and easy installation
- Compatible with RADWIN installed base *
 - *Applicable for SUs and HSUs that can be upgraded to software version 4.9.35 and above



Product Specifications:

Configuration						
Architecture	Outdoor unit w	ith 2 integrated N	AIMO antennas a	nd additional con	nectors for 2 external MIMO antennas (4 v	
	Outdoor unit with 2 integrated MIMO antennas and additional connectors for 2 external MIMO antennas (4 x TNC)					
PoE to ODU Interface MS	Outdoor CAT-5e; Maximum cable length: 75m for 1000BaseT					
Data Interfaces	1000BaseT (over PoE) or SFP (1GbE Full Duplex , supports single and multi-mode)					
Radio						
Max Capacity	1500 Mbps net aggregate throughput					
Subscriber Units (HSUs) support	Up to 128 HSUs					
Range	Up to 40 km / 25 miles					
Channel Bandwidth	Configurable: 10, 20, 40, 80 MHz (for the default band); Dynamic Channel BW selection (20/40/80 MHz)					
Modulation	MIMO-OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)					
Adaptive Modulation & Coding	Supported					
Smart Bandwidth Management	Supported					
(DBA)						
DFS	Not Supported					
Diversity	Supported					
Max Tx Power	23 dBm					
ATPC	Supported (uplink)					
Duplex Technology	TDD					
Error Correction	FEC k = 1/2, 2/3, 3/4, 5/6					
Encryption	AES 128					
Support Indoor units	RADWIN AC PoE devices (9921-104X, 9921-101X), DC PoE device (9921-2059), IDU-S (7401-6006), IDU-H					
	(7301-2006)					
Uplink / Downlink Allocation	Configurable: Symmetric or Asymmetric					
Layer 2	Bridging learning of 8K MAC addresses					
QoS	Packet classific	ation to 4 priority	queues according	g to 802.1P or Diff	fserv	
VLAN Support	802.1Q, QinQ,	4094 VLANs				
TDD Intra Site Synchronization	Supported via	GPS receiver				
TDD Inter Site Synchronization	Supported via	GPS receiver				
ODU Management	IPv4/IPv6 dual-stack; SNMP v1, SNMPv3; HTTP/HTTPS using web browser					
		Stack: SINIVIP VI. 3	NIVIPV3: ПТТР/П	i i PS using web br	owser	
	I II V4/II VO dual-	Stack; Sivivir VI, S	SNIVIPV3; HTTP/HT	TPS using web br	owser	
Supported Bands						
	CBW 10MHz	CBW 20MHz	CBW 40MHz	CBW 80MHz	Radio Compliance	
Supported Bands Band	CBW 10MHz [GHz]	CBW 20MHz [GHz]	CBW 40MHz [GHz]	CBW 80MHz [GHz]	Radio Compliance	
Band 5.4 GHz Universal (default)	CBW 10MHz [GHz] 5.470-5.725	CBW 20MHz [GHz] 5.465-5.730	CBW 40MHz [GHz] 5.455-5.740	CBW 80MHz [GHz] 5.455-5.760	Radio Compliance Universal	
Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 5.690-6.060	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 5.680-6.090	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055 4.900-4.995	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 5.690-6.060 4.900-4.995	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070 4.900-4.995	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 5.680-6.090 4.900-4.995	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal 4.9 GHz Universal	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 5.690-6.060	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 5.680-6.090	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal 4.9 GHz Universal Mechanical	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055 4.900-4.995 4.895-6.005	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 5.690-6.060 4.900-4.995 4.890-6.010	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070 4.900-4.995	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 5.680-6.090 4.900-4.995	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal 4.9 GHz Universal Mechanical ODU Dimensions	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055 4.900-4.995 4.895-6.005	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 5.690-6.060 4.900-4.995 4.890-6.010	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070 4.900-4.995	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 5.680-6.090 4.900-4.995	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal 4.9 GHz Universal Mechanical ODU Dimensions ODU Weight	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055 4.900-4.995 4.895-6.005	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 5.690-6.060 4.900-4.995 4.890-6.010	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070 4.900-4.995	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 5.680-6.090 4.900-4.995	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal 4.9 GHz Universal Mechanical ODU Dimensions ODU Weight Power	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055 4.900-4.995 4.895-6.005 24.0(w) x 34.0(4.0 kg / 8.82 lb	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 5.690-6.060 4.900-4.995 4.890-6.010	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070 4.900-4.995 4.880-6.020	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 5.680-6.090 4.900-4.995	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal 4.9 GHz Universal Mechanical ODU Dimensions ODU Weight	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055 4.900-4.995 4.895-6.005 24.0(w) x 34.0(4.0 kg / 8.82 lb	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 5.690-6.060 4.900-4.995 4.890-6.010	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070 4.900-4.995 4.880-6.020	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 5.680-6.090 4.900-4.995	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal Universal Universal	
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Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal 4.9 GHz Universal Mechanical ODU Dimensions ODU Weight Power Power Feeding	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055 4.900-4.995 4.895-6.005 24.0(w) x 34.0(4.0 kg / 8.82 lb	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 5.690-6.060 4.900-4.995 4.890-6.010	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070 4.900-4.995 4.880-6.020	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 5.680-6.090 4.900-4.995	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal 4.9 GHz Universal Mechanical ODU Dimensions ODU Weight Power Power Feeding Power Consumption	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055 4.900-4.995 4.895-6.005 24.0(w) x 34.0(4.0 kg / 8.82 lb	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 5.690-6.060 4.900-4.995 4.890-6.010 h) x 24.0(d) cm	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070 4.900-4.995 4.880-6.020	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 5.680-6.090 4.900-4.995	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal 4.9 GHz Universal 4.9 GHz Universal Mechanical ODU Dimensions ODU Weight Power Power Feeding Power Consumption Environmental	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055 4.900-4.995 4.895-6.005 24.0(w) x 34.0(4.0 kg / 8.82 lb Power provided <30W	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 5.690-6.060 4.900-4.995 4.890-6.010 h) x 24.0(d) cm	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070 4.900-4.995 4.880-6.020	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 5.680-6.090 4.900-4.995 4.860-6.040	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal 4.9 GHz Universal Mechanical ODU Dimensions ODU Weight Power Power Feeding Power Consumption Environmental Operating Temperatures	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055 4.900-4.995 4.895-6.005 24.0(w) x 34.0(4.0 kg / 8.82 lb Power provided <30W	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 5.690-6.060 4.900-4.995 4.890-6.010 h) x 24.0(d) cm	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070 4.900-4.995 4.880-6.020	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 5.680-6.090 4.900-4.995 4.860-6.040	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal 4.9 GHz Universal Mechanical ODU Dimensions ODU Weight Power Power Feeding Power Consumption Environmental Operating Temperatures Humidity Safety	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055 4.900-4.995 4.895-6.005 24.0(w) x 34.0(4.0 kg / 8.82 lb Power provided condension of the condension o	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 4.900-4.995 4.890-6.010 h) x 24.0(d) cm s d over ODU-IDU c	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070 4.900-4.995 4.880-6.020 able	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 4.900-4.995 4.860-6.040 dust and against i	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal 4.9 GHz Universal 4.9 GHz Universal Mechanical ODU Dimensions ODU Weight Power Power Feeding Power Consumption Environmental Operating Temperatures Humidity Safety US/CAN (cTUVus)	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055 4.900-4.995 4.895-6.005 24.0(w) x 34.0(4.0 kg / 8.82 lb Power provided <30W	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 4.900-4.995 4.890-6.010 h) x 24.0(d) cm s d over ODU-IDU co	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070 4.900-4.995 4.880-6.020	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 4.900-4.995 4.860-6.040 dust and against i	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal 4.9 GHz Universal 4.9 GHz Universal Mechanical ODU Dimensions ODU Weight Power Power Feeding Power Consumption Environmental Operating Temperatures Humidity Safety US/CAN (cTUVus) CE/IEC	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055 4.900-4.995 4.895-6.005 24.0(w) x 34.0(4.0 kg / 8.82 lb Power provided condension of the condension o	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 4.900-4.995 4.890-6.010 h) x 24.0(d) cm s d over ODU-IDU co	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070 4.900-4.995 4.880-6.020 able	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 4.900-4.995 4.860-6.040 dust and against i	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal Universal Universal	
Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal 4.9 GHz Universal Mechanical ODU Dimensions ODU Weight Power Power Feeding Power Consumption Environmental Operating Temperatures Humidity Safety US/CAN (cTUVus) CE/IEC EMC	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055 4.900-4.995 4.895-6.005 24.0(w) x 34.0(4.0 kg / 8.82 lb Power provided company of the company o	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 4.900-4.995 4.890-6.010 h) x 24.0(d) cm s d over ODU-IDU co	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 4.900-4.995 4.880-6.020 able	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 4.900-4.995 4.860-6.040 dust and against i	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal Universal Universal	
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Supported Bands Band 5.4 GHz Universal (default) 5.8 GHz FCC/IC 5.1 GHz Universal 5.9 GHz Universal 5.9 GHz Universal 6.0 GHz Universal 4.9 GHz Universal 4.9 GHz Universal Mechanical ODU Dimensions ODU Weight Power Power Feeding Power Consumption Environmental Operating Temperatures Humidity Safety US/CAN (cTUVus) CE/IEC EMC FCC ETSI	CBW 10MHz [GHz] 5.470-5.725 5.730-5.845 5.145-5.340 5.725-5.850 5.725-5.955 5.695-6.055 4.900-4.995 4.895-6.005 24.0(w) x 34.0(4.0 kg / 8.82 lb Power provided condension UL 62368-1 2nd IEC/EN 62368-1 47 CFR, Part1 EN 301 489-1,	CBW 20MHz [GHz] 5.465-5.730 5.730-5.845 5.140-5.345 5.725-5.850 5.720-5.960 4.900-4.995 4.890-6.010 h) x 24.0(d) cm s d over ODU-IDU co	CBW 40MHz [GHz] 5.455-5.740 5.730-5.845 5.130-5.355 5.725-5.850 5.710-5.970 5.680-6.070 4.900-4.995 4.880-6.020 able rotected against	CBW 80MHz [GHz] 5.455-5.760 5.730-5.845 5.130-5.375 5.725-5.850 5.710-5.990 4.900-4.995 4.860-6.040 dust and against i	Radio Compliance Universal FCC 47CFR Part 15.407; ISED RSS-247 Universal Universal Universal Universal Universal Universal Universal	
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Integrated Antenna parameters (default band)		
Gain	12 dBi	
VSWR	2.0:1	
3 dB Azimuth Beamwidth	180 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		

Ordering Info

Part Number: RW-5PG5-9154

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

Universal.

Datasheet information can be changed by manufacturer without prior notice

