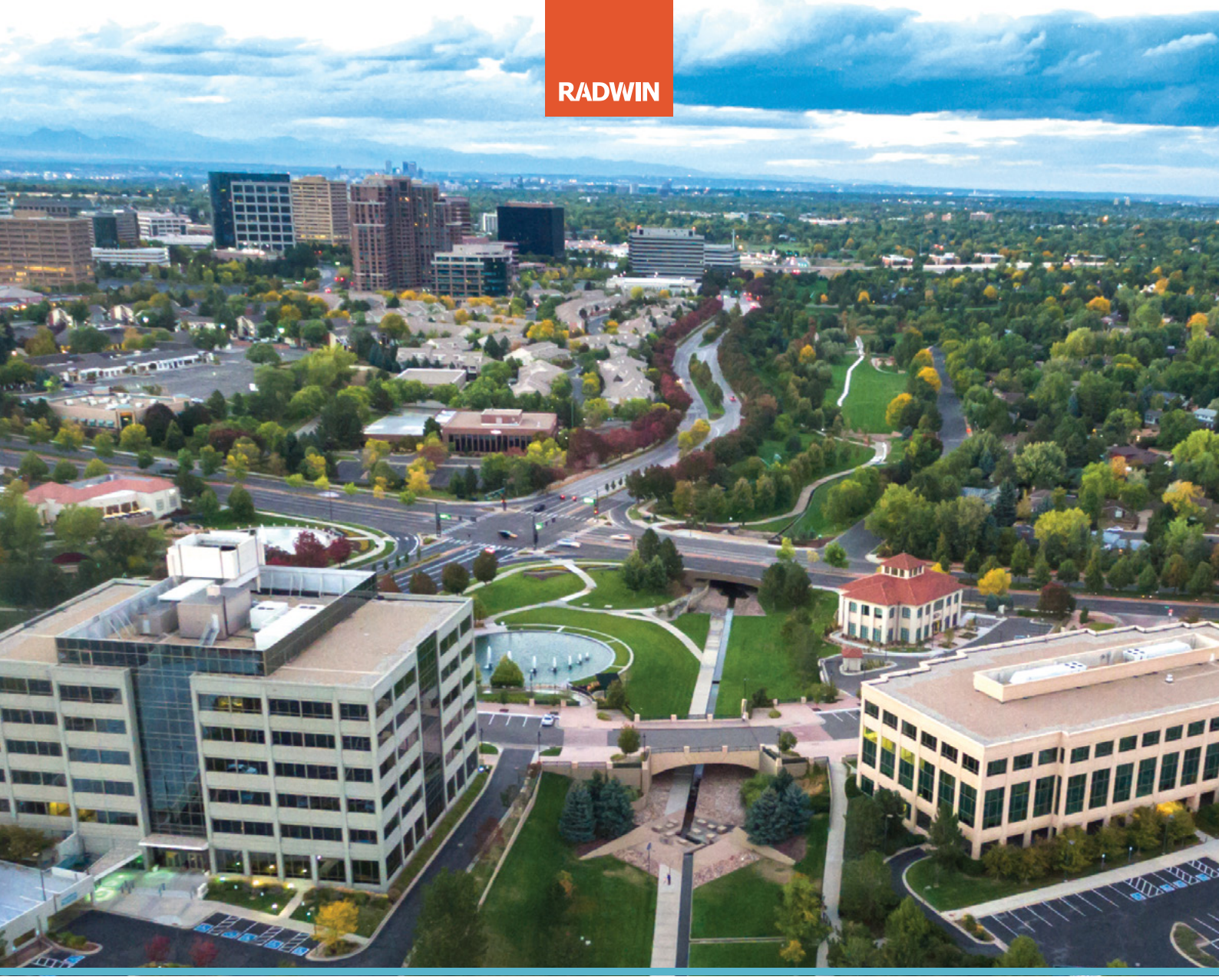


JET DUO

1.5 Gbps PtMP dual-band 3.5 & 5 GHz solution

Providing unmatched deployment flexibility and capacity with no additional tower related costs

JET DUO is a 3.5 GHz and 5 GHz base station in a single unit that encapsulates independent beamforming antennas per each individual band. Delivering up to 1.5 Gbps, JET DUO leverages RADWIN's exclusive Bi-BeamTM air interface.

JET DUO is an ideal solution for service providers operating in the 3.5 GHz licensed band, providing them with the added flexibility to also use the 5 GHz band to uncap data speeds and choose the most suitable frequency band for a wide range of applications.

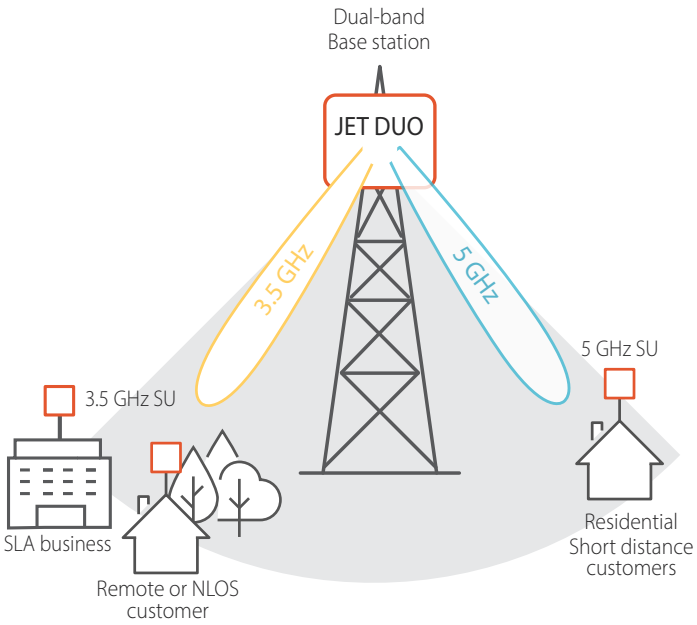
JET DUO Benefits

Deployment flexibility

Choose the most suitable band to cost-effectively address deployment requirements:

Deploy the 3.5 GHz band for SLA business customers and 5GHz for residential.

Alternatively, use the 5GHz for customers with pure or obstructed Line-of-Sight, while vacating the 3.5GHz band for Non-Line-of-Sight scenarios or long distance customers.



JET DUO Highlights

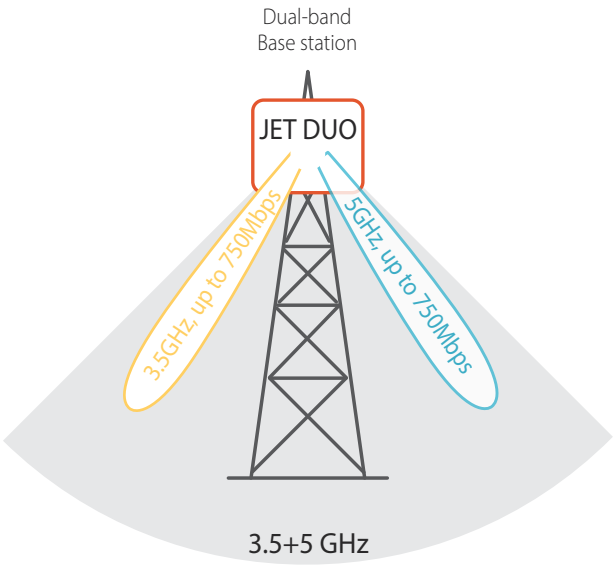
- Dual-band platform for 3.5 GHz and 4.9-6.0 GHz
- 2 x 750Mbps
- Up to QAM 256, 2 x 80MHz
- Exceptional interference immunity:
  - 2nd Gen. beamforming antenna with exceptionally small side lobes
  - Built-in filters to mitigate LTE signals
- Support 128 customers
- Interfaces: Fiber (SFP) and GbE
- Backward compatible with SU / HSU installed base
- Network synchronization via built-in GPS

Increase access capacity with no additional installation and maintenance costs

By providing both the 3.5 and 5 GHz bands in a single compact unit, JET DUO eliminates costs, associated with deploying multiple single-band base stations..

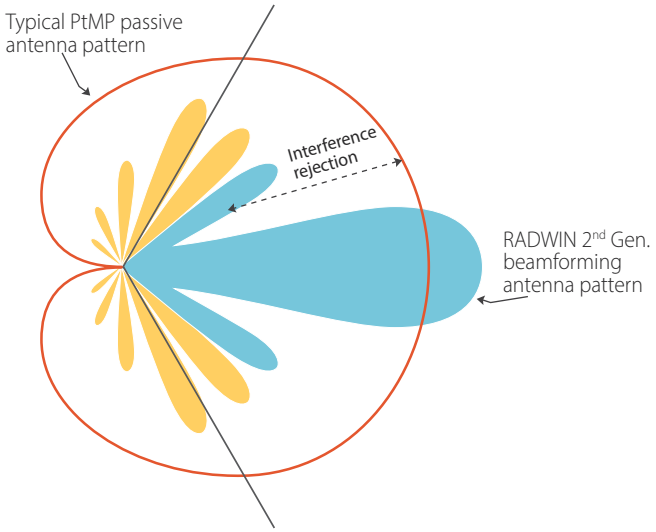
Deployment of a single dual-band base station outdoor radio reduces:

- Tower space and rental costs
- Cabling (single fiber cable)
- Traffic aggregator data ports



Superior interference immunity

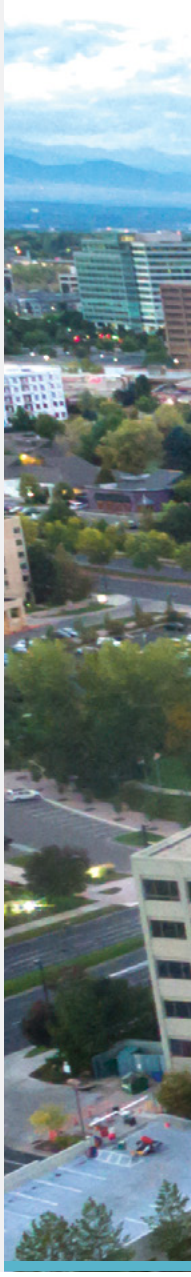
RADWIN's 2nd generation beamforming 5 GHz antenna significantly improves interference immunity via radically smaller antenna side lobes.



JET DUO beamforming antenna pattern vs. a typical PtMP antenna

Product Specifications:

Architecture	Outdoor unit with a smart beamforming integrated antenna
Max net aggregate capacity	2 x 750Mbps
Frequency bands	3.4-3.8GHz or 4.9-6.0 GHz (concurrent operation of both bands)
Radio General	
Subscriber Units supported	Up to 128 (2 x 64)
Range	Up to 40 km / 25 miles
Radio access scheme	OFDM, Auto MIMO 2x2 or Diversity per SU
Modulation	BPSK/QPSK/16QAM/64QAM/256QAM
SLA management	CIR, MIR, Best Effort
End to End Latency	Typical: 3.5msec
Duplex Technology	TDD, Configurable Uplink / Downlink ratio
TDD Synchronization	Inter & Intra site synchronization through built-in GPS
Encryption	AES 128
3.5GHz Radio	
Channel Bandwidth	Configurable: 10, 20, 40, 80 MHz
Max Tx Power	28 dBm per port
Antenna Gain	16 dBi
5GHz Radio	
Channel Bandwidth	Configurable: 10, 20, 40, 80 MHz
DFS	Supported (ETSI)
Max Tx Power	25dBm per port (subject to the country regulation)
Antenna Gain	19 dBi @ ETSI, 20 dBi @UNI
Interfaces	
PoE to ODU Interface	Outdoor CAT-5e; Maximum cable length: 100m for 10/100BaseT and 75m for 1000BaseT
Data Interfaces	1000BaseT (over PoE) or SFP
Networking	
Sub convergence layer	Layer 2, Bridging learning of 5K MAC addresses
QoS	Packet classification to 4 priority queues according to 802.1P or Diffserv
VLAN Support	802.1Q, QinQ, 4094 VLANs
Management	
Protocols	SNMPv1, SNMPv3, Telnet, HTTP, IPv4 & IPv6, RADIUS for AAA Server
NMS Applications	RADWIN NMS (WINManage) or integration with 3rd party NMS system via standard MIBs
Power	
Power Feeding	Provided over ODU-PoE cable
Power Consumption	<55W
Mechanical	
ODU Dimensions	35.6(w) x 37.1(h) x 9.5(d) cm
ODU Weight	4.5Kg / 9.9 lbs
Environmental	
Operating Temperatures	-35°C to 60°C / -31°F to 140°F
Humidity	100% condensing, IP67 (totally protected against dust and against immersion in water up to 1m)
Safety	US/CAN (cTUVus), CE/IEC
EMC	FCC, ETSI, CAN/CSA-CEI/IEC



RADWIN

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