

5.1-5.8Ghz Integrated CPE Router Antenna with RB/411



Includes

- Integrated antenna with RouterBOARD 411
- RouterOS Level 3
- POE injector
- 18v power supply + PoE Injector
- 802.11 a,b,g 65Mw Wireless MiniPCI Card

MikroTik RIC/522 5Ghz integrated antenna with fast RB/411 is ideal for a cost effective highly featured CPE (client premise equipment) on 5Ghz Point-to-Multipoint networks.

RouterOS L4 Features

Router	DNS Server
Firewall	DHCP
Intrusion Detection	PPPoE
Wifi HotSpot	PPTP
Traffic Shaping	L2TP
Traffic Graphing	NTP
Wireless Client	SNMP
IPSec VPN encryption	Dynamic Routing
Frequency scanner and alignment tools	WEP/WPA/WPA2 TKIP/AES wireless encryption

R52 Wireless Card Specifications

Chipset	Atheros AR5414
Supported Frequency Range	5 GHz Band; 4.920 – 6.100 (5 MHz step)
Security:	Hardware TKIP and AES-CCM encryption; 802.1x WPA authentication Hardware 64 and 128 bit WEP
RF Modulation	802.11a: OFDM data rate >30Mbps
Power Requirements	3.3V +/- 10% DC; 400mA max (300mA typ.)
Form Factor	Mini-PCI form factor; Mini-PCI Version 1.0 type 3B /MiniPCI Type IIIB
Output Power	5GHz (802.11a) 17dBm @ 6Mb/s 5GHz (802.11a) 13dBm @ 54Mb/s
Receive Sensitivity	5GHz (802.11a) -88dBm @ 6Mb/s 5GHz (802.11a) -71dBm @ 54Mb/s
Transfer Data Rate	802.11a(Normal mode):54,48,36,24,18,12,9,6 Mbps, auto-fallback 802.11a(Turbo mode):108,96,72,48,36,24,18,12 Mbps, auto-fallback
Approval	FCC CE

Panel Antenna Specifications

Antenna Gain	22dBi
Antennas Frequency	5.1 – 5.8 Ghz
Dimensions	300mm X 300mm X 30mm
Weight	1.4Kg
Bracket	Tip and tilt suitable for 50mm – 75mm pole
Connector	Insulated Ethernet pass through adapter

CPU	Atheros AR7130 300MHz network processor
Memory	32MB DDR SDRAM onboard memory
Boot loader	RouterBOOT
Data storage	64MB onboard NAND memory chip
Ethernet	One 10/100 Mbit/s Fast Ethernet ports supporting Auto-MDI/X
MiniPCI slot	One MiniPCI Type IIIA/IIIB slots
Serial port	One DB9 RS232C asynchronous serial port Power
LEDs	LED, NAND (Disk Activity) LED and 5x User LED's
Beeper	Present
Power Power over Ethernet	12..28V DC (except power over data lines)
Power jack	12..28V DC
Dimensions	10.5 cm x 10.6 cm (4.13 in x 4,13 in)
Weight	82 grams
Temperature Operational	-20°C to +65°C (-4°F to 149°F)
Humidity Operational	up to 70% relative humidity (non-condensing)
Power consumption	~3W without extension cards, maximum – 12W