

## ROCKET M900: 900MHz Hi Power 2x2 MIMO AirMax TDMA BaseStation



### COMPATIBLE ANTENNAS

AirMax Sector 900M-13-120

### SYSTEM INFORMATION

Processor Specs	Atheros MIPS 24KC, 400MHz
Memory Information	64MB SDRAM, 8MB Flash
Networking Interface	1 X 10/100 BASE-TX (Cat. 5, RJ-45) Ethernet Interface

### REGULATORY / COMPLIANCE INFORMATION

Wireless Approvals	FCC Part 15.247, IC RS210, CE
RoHS Compliance	YES

### OPERATING FREQUENCY 902-928 MHz

airMAX	MCS	Power	Gain	902-928 MHz			
				airMAX	Power	Gain	Gain
	MCS0	28 dBm	+/-2dB	MCS0	-96 dBm	+/-2dB	+/-2dB
	MCS1	28 dBm	+/-2dB	MCS1	-95 dBm	+/-2dB	+/-2dB
	MCS2	28 dBm	+/-2dB	MCS2	-92 dBm	+/-2dB	+/-2dB
	MCS3	28 dBm	+/-2dB	MCS3	-90 dBm	+/-2dB	+/-2dB
	MCS4	28 dBm	+/-2dB	MCS4	-86 dBm	+/-2dB	+/-2dB
	MCS5	24 dBm	+/-2dB	MCS5	-83 dBm	+/-2dB	+/-2dB
	MCS6	22 dBm	+/-2dB	MCS6	-77 dBm	+/-2dB	+/-2dB
	MCS7	21 dBm	+/-2dB	MCS7	-74 dBm	+/-2dB	+/-2dB
	MCS8	28 dBm	+/-2dB	MCS8	-95 dBm	+/-2dB	+/-2dB
	MCS9	28 dBm	+/-2dB	MCS9	-93 dBm	+/-2dB	+/-2dB
	MCS10	28 dBm	+/-2dB	MCS10	-90 dBm	+/-2dB	+/-2dB
	MCS11	28 dBm	+/-2dB	MCS11	-87 dBm	+/-2dB	+/-2dB
	MCS12	28 dBm	+/-2dB	MCS12	-84 dBm	+/-2dB	+/-2dB
	MCS13	24 dBm	+/-2dB	MCS13	-79 dBm	+/-2dB	+/-2dB
	MCS14	22 dBm	+/-2dB	MCS14	-78 dBm	+/-2dB	+/-2dB
	MCS15	21 dBm	+/-2dB	MCS15	-75 dBm	+/-2dB	+/-2dB

### PHYSICAL / ELECTRICAL / ENVIRONMENTAL

Enclosure Size	16cm length x 8cm width x 3cm height
Weight	0.5 kg
RF Connector	2x RPSMA (Waterproof)
Enclosure Characteristics	Outdoor UV Stabilized Plastic
Mounting Kit	Pole Mounting Kit included
Max Power Consumption	6.5 Watts
Power Supply	24V, 1A POE Supply Included
Power Method	Passive Power over Ethernet (pairs 4,5+; 7,8 return)
Operating Temperature	-30C to 75C
Operating Humidity	5 to 95% Condensing
Shock and Vibration	ETSI300-019-1.4