

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 (dBm)	Accuracy		airMAX	MCS	Power (dBm)	Accuracy
	MCS0	26 dBm	+/-2dB			MCS0	-96 dBm	+/-2dB
	MCS1	26 dBm	+/-2dB			MCS1	-95 dBm	+/-2dB
	MCS2	26 dBm	+/-2dB			MCS2	-92 dBm	+/-2dB
	MCS3	26 dBm	+/-2dB			MCS3	-90 dBm	+/-2dB
	MCS4	26 dBm	+/-2dB			MCS4	-86 dBm	+/-2dB
	MCS5	24 dBm	+/-2dB			MCS5	-83 dBm	+/-2dB
	MCS6	22 dBm	+/-2dB			MCS6	-77 dBm	+/-2dB
	MCS7	21 dBm	+/-2dB			MCS7	-74 dBm	+/-2dB
	MCS8	26 dBm	+/-2dB			MCS8	-95 dBm	+/-2dB
	MCS9	26 dBm	+/-2dB			MCS9	-93 dBm	+/-2dB
	MCS10	26 dBm	+/-2dB			MCS10	-90 dBm	+/-2dB
	MCS11	26 dBm	+/-2dB			MCS11	-87 dBm	+/-2dB
	MCS12	26 dBm	+/-2dB			MCS12	-84 dBm	+/-2dB
	MCS13	24 dBm	+/-2dB			MCS13	-79 dBm	+/-2dB
	MCS14	22 dBm	+/-2dB			MCS14	-78 dBm	+/-2dB
	MCS15	21 dBm	+/-2dB			MCS15	-75 dBm	+/-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