

mMESH™ 2W Robust

Product Datasheet M-RBT2-2



RF Specifications

Waveform	COFDM
Frequency Range	
M-RBT2-2-032042	320 - 420MHz
M-RBT2-2-045065	450 - 650MHz
M-RBT2-2-110150	1100 - 1500MHz
M-RBT2-2-200250	2000 - 2500MHz
M-RBT2-2-480500	4800 - 5000MHz
Carrier Bandwidth	
Narrow Band	0.25 / 0.5 / 1MHz
Wide Band	1.25 / 2.5 / 5 / 10 / 20MHz
Max Throughput	
Narrow Band	940Kbps
Wide Band	100Mbps
RF Output	2W
Carrier Modulation	QPSK / 16QAM / 64QAM / 256QAM / 1024QAM
FEC Rate	FEC 1/3, 2/3
Receive Sensitivity	-100dBm @ 5MHz
RF Interface	2x N-Type (2x Tx & Rx)



Power

Power Input	28 - 36Vdc
Power Consumption	
Standby	13W
Max	28W



Streaming

Streaming Protocol	UDP, RTSP, RTP
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Networking

Ethernet	10 / 100Mbps
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Audio

Audio Codec	Adaptive Multi-Rate (AMR)
Data Bitrate	4.8Kbps



I/O

RS232, Ethernet, USB



Security

Data Encryption	DES / AES 128 / AES 256
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Physical

Dimensions (L x W x H)	177 x 170 x 72mm
Weight	~1800g



Environment

Operating Temperature	-20 to 50°C
IP Rating	IP67

* T.B.C. / Under Development

For more information on Licenses and Features, please contact your local salesperson.