7618228 | MR2118



MR2118 Indoor Coverage and High Speed Data Enhancer for 2100 MHz UMTS and 2100 MHz LTE Applications

Product Classification

Product Type

RF repeater unit

General Specifications

Indoor AntennaOptional, not includedOptional Antenna Gain2 dBiOptional Antenna TypeOmniPerformance NoteValues typical, unless otherwise statedSupervision/Control OptionHeartbeat via SMS Remote control	Antenna Interface at Repeater	SMA Female
Optional Antenna TypeOmniPerformance NoteValues typical, unless otherwise stated	Indoor Antenna	Optional, not included
Performance Note Values typical, unless otherwise stated	Optional Antenna Gain	2 dBi
	Optional Antenna Type	Omni
Supervision/Control Option Heartbeat via SMS Remote control	Performance Note	Values typical, unless otherwise stated
	Supervision/Control Option	Heartbeat via SMS Remote control

Dimensions

Height	240 mm 9.449 in
Width	240 mm 9.449 in
Depth	35 mm 1.378 in
Optional Antenna Length	90 mm 3.543 in

Electrical Specifications

Gain, typical	75 dB
Gain Adjustment Range	30 dB
License Band	LTE 2100 UMTS 2100
Local Power	6 Vdc
Mains Power	100-240 Vac
Return Loss	10 dB
Power Consumption	20 W

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Electrical Specifications, Rx (Uplink)

Operating Frequency Band	1920 – 1980 MHz
Output Power @ One Carrier	18 dBm
Output Power @ Two Carriers	15 dBm
Output Power Note	Possible slight degradation of LTE requirement unwanted emission limit at certain passband adjustments and carrier constellation

Electrical Specifications, Tx (Downlink)

Operating Frequency Band	2110 – 2170 MHz (AWS 1700)
Output Power @ One Carrier	18 dBm
Output Power @ Two Carriers	15 dBm

Environmental Specifications

Operating Temperature	+5 °C to +40 °C (+41 °F to +104 °F)
Ingress Protection Test Method	IEC 60529:2001, IP30

Packaging and Weights

Weight, net

1.5 kg | 3.307 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted



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