



MR2618 Indoor Coverage and High Speed Data Enhancer for 2600 MHz LTE Applications

Product Classification

Product Type RF repeater unit

General Specifications

Antenna Interface at Repeater SMA Female
Indoor Antenna Optional, not included
Optional Antenna Gain 2 dBi
Optional Antenna Type Omni
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 107 mm | 4.213 in

Electrical Specifications

Gain, typical 75 dB
Gain Adjustment Range 30 dB
License Band LTE 2600
Local Power 6 Vdc
Mains Power 100–240 Vac
Return Loss 10 dB
Power Consumption 27 W

Electrical Specifications, Rx (Uplink)

Operating Frequency Band	2500 – 2570 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	2620 – 2690 MHz
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
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

