



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 Length 107.00 mm | 4.21 in
Optional Antenna Type Omni

Electrical Specifications

Gain 75 dB
License Band LTE 2600
Local Power 6 Vdc
Mains Power 100–240 Vac
Gain Adjustment Range 30 dB
Return Loss 10.0 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

Supervision And Control

Supervision/Control Option Heartbeat via SMS | Remote control

Environmental Specifications

Ingress Protection Test Method IEC 60529:2001, IP30

Operating Temperature +5 °C to +40 °C (+41 °F to +104 °F)

Dimensions

Depth 35.00 mm | 1.38 in

Height 240.00 mm | 9.45 in

Width 240.00 mm | 9.45 in

Net Weight 1.50 kg | 3.31 lb

Note

Performance Note Values typical, unless otherwise stated

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

Designed, manufactured and/or distributed under this quality management system

