



Indoor Coverage for 800 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 80 mm | 3.15 in

Electrical Specifications

Gain, typical 70 dB

Gain Adjustment Range 30 dB

License Band LTE 800

Local Power 6 Vdc

Mains Power 100–240 Vac

Return Loss 10 dB

Power Consumption 20 W

7657462 | MR818

Electrical Specifications, Rx (Uplink)

Operating Frequency Band	832 – 862 MHz
Output Power @ One Carrier	18 dBm (3GPP)
Output Power @ Two Carriers	15 dBm (3GPP)

Electrical Specifications, Tx (Downlink)

Operating Frequency Band	791 – 821 MHz
Output Power @ One Carrier	18 dBm (3GPP)
Output Power @ Two Carriers	15 dBm (3GPP)

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

