Indoor Coverage for 900 MHz GSM, 900 MHz UMTS, and 900 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**
90 mm | 3.543 in

Electrical Specifications

**Gain, typical**
70 dB

**Gain Adjustment Range**
30 dB

**License Band**
GSM 900 | LTE 900 | UMTS 900

**Local Power**
6 Vdc

**Mains Power**
100–240 Vac

**Return Loss**
10 dB

**Power Consumption**
20 W

Electrical Specifications, Rx (Uplink)

**Operating Frequency Band**
890 – 915 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: 935 – 960 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)

Packaging and Weights
Weight, net: 1.5 kg | 3.307 lb

Regulatory Compliance/Certifications
Agency | Classification
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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