



## CMR dual band mini-repeater for band 20 and band 8

### Product Classification

**Regional Availability**

EMEA | Middle East/Africa

**Product Type**

RF repeater unit

### General Specifications

**Antenna Interface at Repeater**

SMA Female

**Performance Note**

Values typical, unless otherwise stated

**Supervision/Control Option**

Remote control via integrated LTE/GSM modem or LAN (SNMP v3)

### Dimensions

**Height**

73 mm | 2.874 in

**Width**

340 mm | 13.386 in

**Depth**

255 mm | 10.039 in

### Electrical Specifications

**Electrical Safety Standard**

IEC/EN 62368-1

**Gain, typical**

78 dB

**Gain Adjustment Range**

30 dB

**Group Delay, maximum, specific**

4.5  $\mu$ s @ band 1 | 5.5  $\mu$ s @ band 2

**License Band**

GSM 900 | LTE 800 | LTE 900 | UMTS 900

**Mains Power**

100–240 Vac

**Power Consumption**

45 W

**Electrical Compliance**

5G NR: 3GPP TS 138 104 V16.6.0 (\*) | EN 301 908-15 (Band 1) + EN 303 609 / EN 301 908-11 / EN 301 908-15 (Band 2)

### Electrical Specifications, Rx (Uplink)

**Operating Frequency Band**

832 – 862 MHz (Band 1) | 880 – 915 MHz (Band 2)

**Output Power @ One Carrier**

18 dBm (Band 1) + 18 dBm (Band 2)

# 7849242 | CMR8/9

---

**Output Power @ Two Carriers** 15 dBm (Band 1) + 15 dBm (Band 2)

## Electrical Specifications, Tx (Downlink)

**Operating Frequency Band** 791 – 821 MHz (Band 1) | 925 – 960 MHz (Band 2)

**Output Power @ One Carrier** 21 dBm (Band 1) + 21 dBm (Band 2)

**Output Power @ Two Carriers** 18 dBm (Band 1) + 18 dBm (Band 2)

## Environmental Specifications

**Operating Temperature** -10 °C to +50 °C (+14 °F to +122 °F)

**Ingress Protection Test Method** IEC 60529:2001, IP30

## Packaging and Weights

**Weight, net** 5.2 kg | 11.464 lb