



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 μ s @ band 1 | 5.5 μ 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