



CMR dual band mini-repeater for band 8 and band 1

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 70 mm | 2.756 in

Width 340 mm | 13.386 in

Depth 255 mm | 10.039 in

Electrical Specifications

Electrical Safety Standard EN 62368-1

Gain, typical 78 dB

Gain Adjustment Range 30 dB

Group Delay, maximum, specific 4.5 μ s @ band 2 | 5.5 μ s @ band 1

License Band GSM 900 / UMTS 900 / LTE 900 (Band 1) + UMTS 2100 / LTE 2100 (Band 2)

Mains Power 100–240 Vac

Power Consumption 45 W

Electrical Compliance 5G NR: 3GPP TS 138 104 V16.6.0 (*) | EN 303609 / EN 301908-11 / EN 301908-15 (Band 1) + EN 301908-11 / EN 301908-15 (Band 2)

Electrical Specifications, Rx (Uplink)

Operating Frequency Band 880 – 915 MHz (Band 1) + 1920 – 1980 MHz (Band 2)

Output Power @ One Carrier 18 dBm (Band 1) + 18 dBm (Band 2)

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

Electrical Specifications, Tx (Downlink)

Operating Frequency Band 925 – 960 MHz (Band 1) + 2110 – 2170 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