



CMR dual band mini-repeater for band 8 and band 3

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	EN 62368-1
Gain, typical	78 dB
Gain Adjustment Range	30 dB
Group Delay, maximum, specific	5.5 µs
License Band	GSM 1800   GSM 900   LTE 1800   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 303609 / EN 301908-11 / EN 301908-15 (Band 1) + EN 303609 / EN 301908-15 (Band 2)

Electrical Specifications, Rx (Uplink)

Operating Frequency Band	880 – 915 MHz (Band 1) + 1710 – 1785 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) + 1805 – 1880 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