



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 µs @ band 2 5.5 µs @ 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