



CMR dual band mini-repeater for band 3 (two sub-bands) and band 1

Product Classification

Regional Availability	EMEA   Middle East/Africa
Product Type	RF repeater unit

General Specifications

Antenna Interface at Repeater	SMA Female
Supervision/Control Option	Remote control

Dimensions

Height	245 mm   9.646 in
Width	340 mm   13.386 in
Depth	70 mm   2.756 in

Electrical Specifications

Electrical Safety Standard	EN 62368-1
Gain, typical	80 dB
Gain Adjustment Range	30 dB
Group Delay, maximum, specific	4.5 µs
License Band	GSM 1800 / LTE 1800 (Band 1) + UMTS 2100 / LTE 2100 (Band 2)
Mains Power	100–240 Vac
Power Consumption	55 W
Electrical Compliance	EN 301 609 / EN 301 908-15 (Band 1) + EN EN 301 908-11 / EN 301 908-15 (Band 2)

Electrical Specifications, Rx (Uplink)

Operating Frequency Band	1710 – 1785 MHz (Band 1) + 1920 to 1980 MHz (Band 2)
Output Power @ One Carrier	18 dBm (Band 1) + 18 dBm (Band 2)
Output Power @ Two Carriers	15 dBm (Band 1) + 15 dBm (Band 2)

Electrical Specifications, Tx (Downlink)

Operating Frequency Band	1805 – 1880 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	4.5 kg   9.921 lb
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