

REPEATERS

GSM REPEATER DATASHEET

PRODUCT ID: 0000-0002



KIT 2: GSM REPEATER WITH INSTALLATION

20 DBN WIDEBAND MINI REPEATER

ICASA approved GSM voice and data repeater, non-network locked, professionally installed and commissioned. [Not suitable for use on Telkom]

INCLUDED WITH THE KIT:

Included: GSM Repeater, Ottenna LTE-YD-11, 2 x Ottenna LTE-SO-5 (covers 2 x average sized rooms) and full installation plus hardware including all sundries (brackets, poles, couplers, splitters, cable etc).

ELECTRICAL SPECIFICATION:

- Output Power: 20 dBm
- Gain: 70 ±3dB
- ALC Range: ≥ 30 dB
- Noise Figure: ≤ 5dB
- Ripple in Band: ≤ 5dB
- Time Delay : ≤ 5 μs
- VSWR: ≤ 2.0
- Port Impedance: 50 Ω
- Spurious Emission: 9 kHz – 1 GHz ≤ -36 dBm @ 30 kHz
1 GHz – 12.75 GHz ≤ -30 dBm @ 30 kHz

FREQUENCIES

| | |
|---------------------------|------------------------------|
| UL: 900 MHz (890-915 MHz) | UL: 1800 MHz (1710-1785 MHz) |
| DL: 900 MHz (935-960 MHz) | DL: 1800 MHz (1805-1880 MHz) |

POWER, MECHANICAL & ENVIRONMENTAL SPECIFICATION:

- Weight: ≤ 1 kg
- Dimension Host: 180 x 150 x 32 mm
- Installation Mode: In door
- RF Connector: SMA Female
- Power Supply AC: 100-240 V/ 6 W
- Temperature: -5 °C to +45 °C
- Environmental Class Host: IP40