

REPEATERS

GSM REPEATER DATASHEET

PRODUCT ID: 0000-1000

KIT 4: GSM REPEATER - SELF INSTALLATION

20 DBN WIDEBAND MINI REPEATER

ICASA approved GSM voice and data Repeater, non-network-locked, for self-installation. [Not suitable for use on Telkom]

INCLUDED WITH THE KIT:

Included: GSM Repeater, Ottenna LTE-YD-11 outdoor antenna with 10-meter cable, internal stubby antenna (covers 1 average sized room). Customer will need to mount the outdoor Ottenna on a suitable pole (not provided).

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

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

