

Maven digital repeater EMEA-APAC

Tropo low power repeater

Datasheet version 2.2

**Outstanding
Performance**

**End to end
Digital platform**

**Always
Future-proof**

**Overall
Cost efficiency**

**More
Sustainable**

Maven Wireless offers new solutions for wireless coverage in all parts of the world. Our products are end to end digital and future-proof, comes with the best performance and cost efficiency you can find. We also have high marks on sustainability and a burning passion for making our customers and end-users life safer, better and easier by securing 100% wireless coverage.

Tropo digital repeater



Tropo digital repeater specification

General

Mains power	100 - 240 VAC
Power consumption	55 W max fully loaded
Management	Ethernet
Remote Access	4G modem
Operating temperature	-25 to +55 °C
Ingress protection	IP40
RF interface	2 bands in one enclosure
Antenna port	N-type or 4.3/10 per request
Automatic Gain Control	> 51 dB
MGC (Step Attenuation)	> 31 dB / 1 dB step
Gain flatness	typical < 3-6 dB
Gain UL/DL	65 / 70 dB
Group Delay – GSM/UMTS	< 7 us
Group Delay – LTE	< 4.7 us

RF Parameters

DL Output power	+18 dBm per band	
UL Output power	+17 dBm per band	
Frequencies*	Uplink	Downlink
	703 – 733 MHz	758 – 788 MHz
	832 – 862 MHz	791 – 821 MHz
	880 – 915 MHz	925 - 960 MHz
	1710 – 1785 MHz	1805 – 1880 MHz
	1920 – 1980 MHz	2110 – 2170 MHz
	2500 – 2570 MHz	2620 – 2690

Mechanical

Dimensions (height, width, depth)	280 x 350 x 101 mm
Weight	max 10 kg

Standard & Approvals

EMC & safety	Low voltage directive 73/23/EEC
EMC directive 2004/108/EC	R&TTE directive 1999/5/EC

*) Various frequency combinations in the same enclosure are available. Contact Maven Wireless for more information.
Note: All parameters are subject to change.