

Maven digital repeater EMEA-APAC TOR medium power onboard repeater

Datasheet version 2.3

**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.

TOR – Train Onboard digital Repeater



TOR specification

General

Mains power	24 – 110 VDC versions available
Power consumption	280 W typical fully loaded
Management	Ethernet 10/100/1000, micro USB, Standard USB accessory connector
Remote Access	4G modem including GPS
Operating temperature	-20 to +55 °C
Ingress protection	IP21
RF interface	Up to 4 bands in one enclosure
Antenna port	4.3-10 or N optional
System Gain	50 to 80 dB in 0.1 dB steps
Gain flatness	typical 1 dB pp
Delay	typical 3.3 us
Noise figure	3 dB typical at max gain

RF Parameters

DL Output power	+20 dBm per band																
UL Output power	800: +30dBm ; 900: +29dBm ; 1800,2100,2600: +28dBm/band																
RF input range	+17 dBm, non destructive																
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Mechanical

Dimensions (height, width, depth)	4u x 19" x 310 mm
Weight	max 20 kg

Standard Et Approvals

EMC Et safety	EN 50155
EMC directive 2004/108/EC	EN 62368-1
Low voltage directive 73/23/EEC	EN 45545
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.