

# Technical Data

## A440 Wireless Modem



### A440 Wireless Modem

- **Device type**  
Wireless modem
- **Product highlights**  
IP-67; 20km range and even beyond depending on installation
- **Data transmission**  
Radio communication (430-470MHz), 500mW

Dimensions	119 x 79x 60 mm
Weight	590g
Connectors	1 x RS-485 to connect to A850 1 x TNC to antenna
IP Protection	IP-67
Power Supply	via the RS-485 connection to the A850 Telemetry Gateway
Mounting	Mast mounting bracket
Operating Temperature	-30°C ... +60°C
Tx Output power	500mW e.r.p.
Rx Sensitivity	-120dBm (10 dB S/N)
Channel spacing	10 / 12.5 / 25 kHz (factory preset)
Antenna	Omni-directional, 0dB
Antenna connector	TNC with external seal
Frequencies	430 ... 470MHz (in 4 bands of 10MHz each)
Approvals	R&TTE, CE, FCC, Industry Canada, ACMA Australia