

MODEM

Wireless Network Communication Interface



Jabeco's complete management system to optimise the use of water resources



- 433MHz or 868MHz.
- USB connection to PC.
- Adjustable power output up to 10dBm.

PRODUCT INFORMATION

The Jabeco Modem serves as the communication interface between the Jabeco EcoWeb Software Suite and the wireless control infrastructure in the integrated network. It connects to a PC via USB serial interface, and provides transparent wireless communication to the remote Jabeco field units by utilizing the JCOM radio network management software.

SPECIFICATIONS

POWER

- 6 – 6.8 VDC @ < 200mA.

RADIO COMMUNICATION

- **Frequency:** 433MHz or 868MHz, on factory order.
- **RF Power:** 10mW max.
- **RF Connector :** SMA Jack Female.
- **Antenna:**
 - Dipole, standard ex-factory.
 - Optional: Single element Yagi.
- **Reach:**
 - **Dipole:** + 3Km with good LOS.
 - **Yagi:** up to 10Km with good LOS.

LOCAL COMMS INTERFACE

- USB connection to the PC.
- **Baud rate:** 9600bps.

LED INDICATORS

Power In, Power Out, Transmit, and Signal Strength is displayed.

PHYSICAL

- Weight: approx. 0,3kg.
- **Dimensions:** 150mm x 120mm x 100mm.

ENVIRONMENTAL

- This unit is designed to operate in an office environment.

APPLICATION NOTES

