



Extend the use of your VHF antenna, even for Class B active VHF splitter for Class B

Functionality:

The easySPLIT OCB (OCB stands for „operates Class B) checks whether there is transmit power from the VHF radio or the Class B AIS transceiver to the antenna. If this is the case, the easySPLIT disconnects very fast the other connected units. In the standard reception mode, the units are all connected to the same antenna.

A very fast disconnection is necessary, because the Class B AIS transceiver transmits its signal with 2 W power in a very short time. Therefore the used splitter, the easySPLIT OCB, must disconnect the other units even faster than the Class B AIS transceiver is transmitting its message. The easySPLIT OCB is disconnecting the other units in less than 1 ms!

What else do I need to use the easySPLIT OCB?

As the easySPLIT OCB is a splitter, you need nothing else than your already existing units (e.g. VHF antenna) and of course a power supply.

What fits to the easySPLIT OCB?

All existing VHF radios, all existing AIS Class B transceivers, as well as all AIS receivers and all existing FM radios can be connected to the easySPLIT. Nevertheless the optimum performance is achieved if you use other units from the Weatherdock AG company, because

these units are designed to work together in a perfect way.



Characteristics

- **Active VHF splitter to connect to the standard VHF antenna:**
 - VHF radio
 - AIS transceiver Class B (Recommended for use with easyTRX) or AIS receiver
 - FM car radio
- Enlarged DC power input

Specification

- Frequency selective power divider with 2 transmit/receive ports (VHF radio and Class B AIS) and 1 receiver port
- VHF radio (IN/OUT): 50 Ohm, SO239
- AIS transceiver: 50 Ohm, BNC
- FM radio: 50 Ohm, BNC
- VHF antenna: 50 Ohm, SO 239
- Power: 9 V - 28 VDC, @ < 120 mA (Average of different modes)
- Ambient conditions: under deck, 0° C to 60° C
- 140 mm (l) x 140 mm (w) x 35 mm (h)
- Weight: app. 400 g

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