

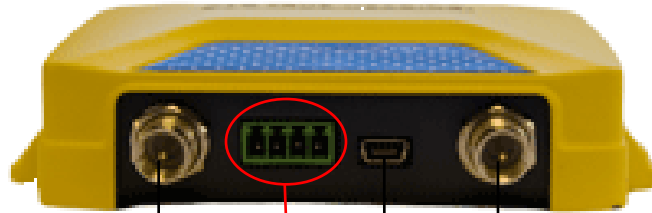
Connecting diagrams for RX Carbon and Carbon+



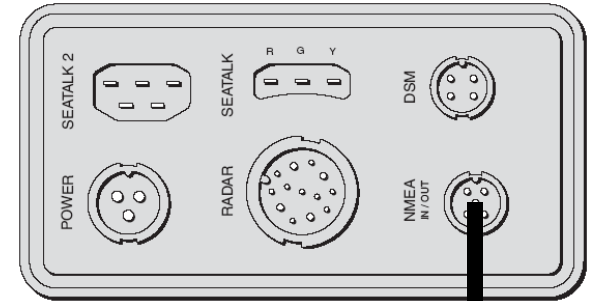
Rev. 1.4
(120315)

RX Carbon and Carbon+ to Raymarine C-xx.

Picture shows RX Carbon+



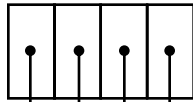
Back of Raymarine C-serie



To VHF antenna ←

→ To VHF radio

→ To PC

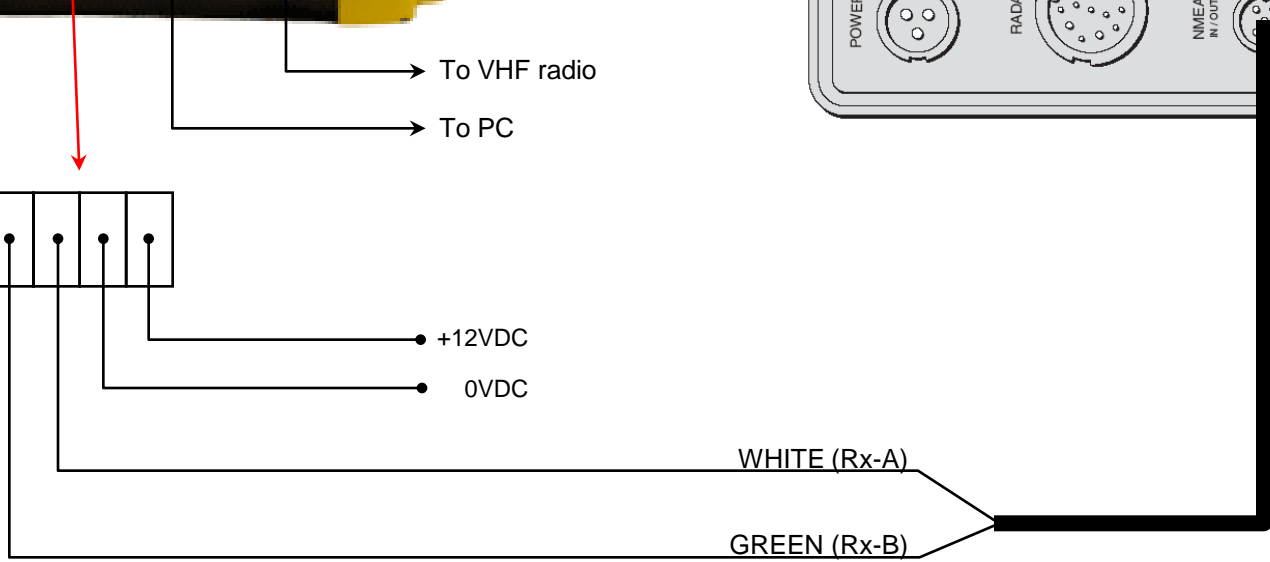


• +12VDC

• 0VDC

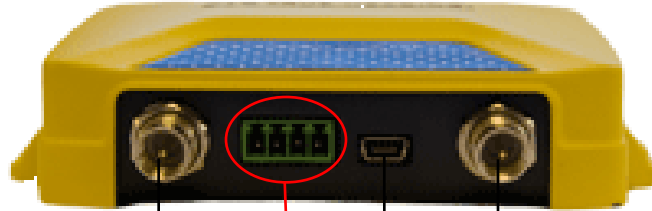
WHITE (Rx-A)

GREEN (Rx-B)

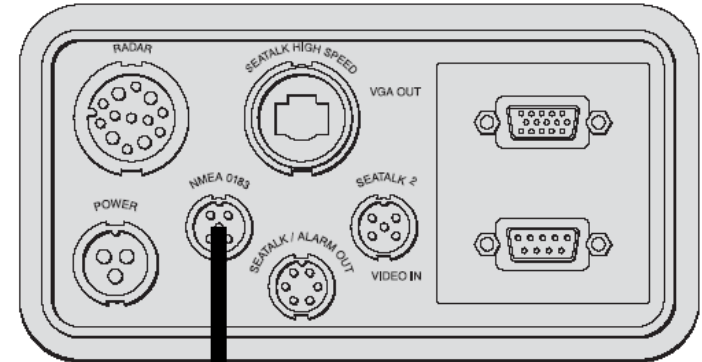


RX Carbon and Carbon+ to Raymarine E-xx.

Picture shows RX Carbon+



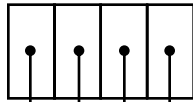
Back of Raymarine E-Series



To VHF antenna

To VHF radio

To PC



+12VDC

0VDC

WHITE (Rx-A)

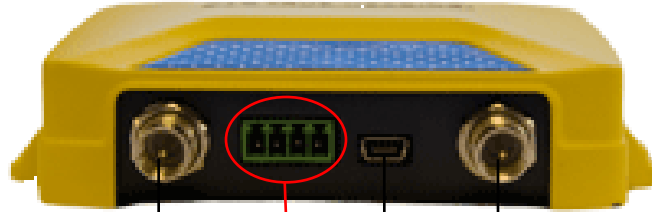
GREEN (Rx-B)



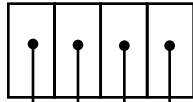


RX Carbon and Carbon+ to Raymarine E-xx VIA Multiplexer NDC-4-USB.

Picture shows RX Carbon+

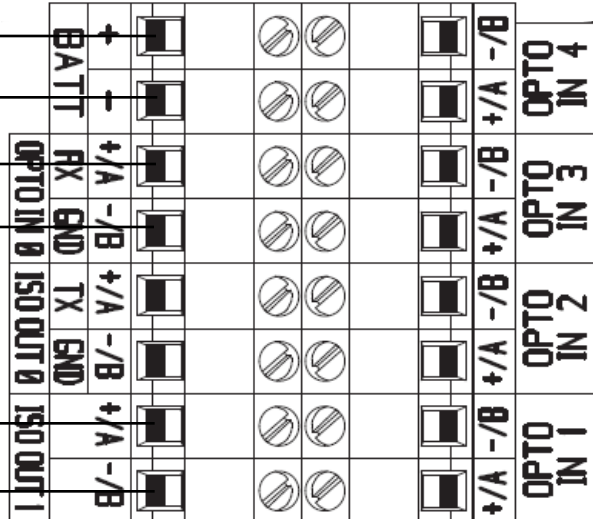


To VHF antenna ←
To VHF radio
To PC

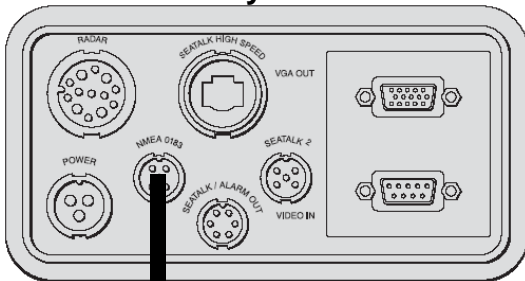


Terminal block for NDC-4

+12VDC
0VDC



Back of Raymarine E-Series



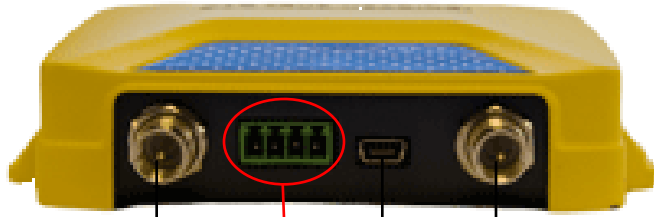
WHITE (Rx-A)
GREEN (Rx-B)

Other units that are going to send data
TO the Raymarine C-series radar/plotter.

USB

RX Carbon and Carbon+ to Raymarine C-xx (Wide).

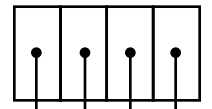
Picture shows RX Carbon+



To VHF antenna

To VHF radio

To PC



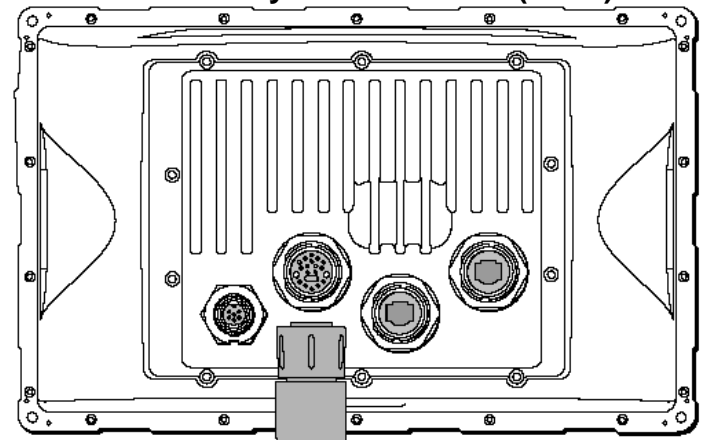
+12VDC

0VDC

ORANGE/WHITE (Rx-A)

ORANGE/GREEN (Rx-B)

Back of Raymarine C-series (Wide).



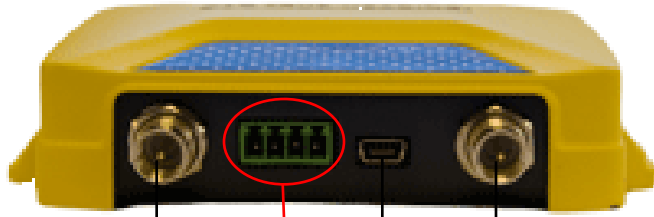
C-Series display

19 way multi-cable

Cut and insulate wires not used

RX Carbon and Carbon+ to Raymarine E-xx (Wide).

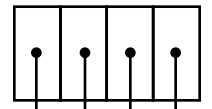
Picture shows RX Carbon+



To VHF antenna

To VHF radio

To PC



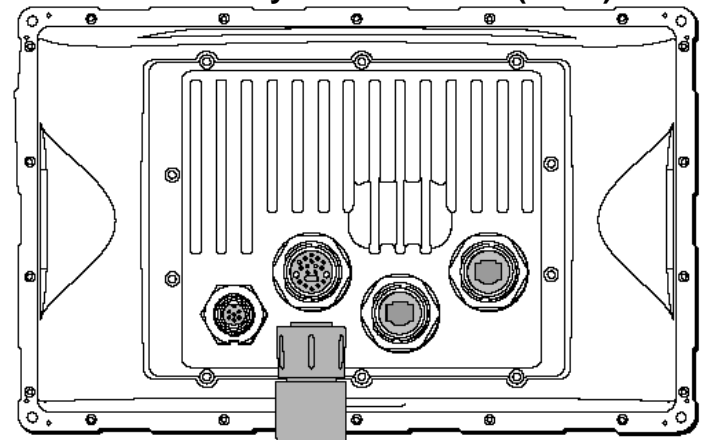
+12VDC

0VDC

ORANGE/WHITE (Rx-A)

ORANGE/GREEN (Rx-B)

Back of Raymarine E-serie (Wide).

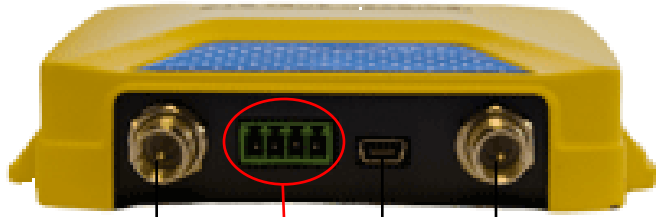


19 way multi-cable

Cut and insulate wires not used

RX Carbon and Carbon+ to Raymarine A-serie.

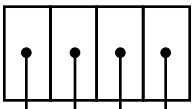
Picture shows RX Carbon+



To VHF antenna ←

→ To VHF radio

→ To PC



• +12VDC

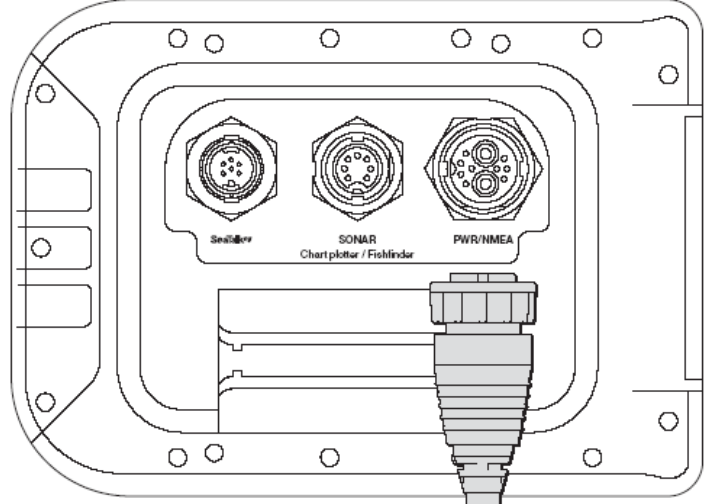
• 0VDC

ORANGE/WHITE (Rx-A)

ORANGE/GREEN (Rx-B)

Cut and insulate wires not used

Back of Raymarine A-serie.



SeaStar

SONAR
Chartplotter / Fishfinder

PWR/NMEA

RX Carbon and Carbon+ to Garmin 400- and 500-serie

Picture shows RX Carbon+



Connector (Power and data) going in to Garmin 400- or 500-serie

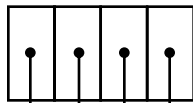


To Garmin transducer

To VHF antenna

To VHF radio

To PC



+12VDC

0VDC

BROWN or PURPLE (Rx-A)
(whichever is available)

BLACK (Rx-B)*

Cut and insulate
wires not used

* = Same wire for power supply
0V and NMEA Rx-B

RX Carbon and Carbon+ to Garmin 700-serie

Picture shows RX Carbon+



Connector (Power and data) going in to Garmin 700-serie

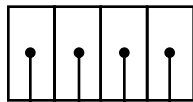


To Garmin transducer

To VHF antenna

To VHF radio

To PC



+12VDC

0VDC

BROWN or PURPLE (Rx-A)
(whichever is available)

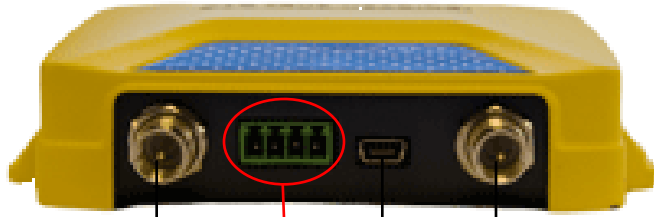
BLACK (Rx-B)*

Cut and insulate
wires not used

* = Same wire for power supply
0V and NMEA Rx-B

RX Carbon and Carbon+ to Garmin 3000-serie

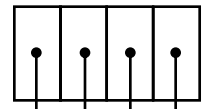
Picture shows RX Carbon+



To VHF antenna ←

→ To VHF radio

→ To PC

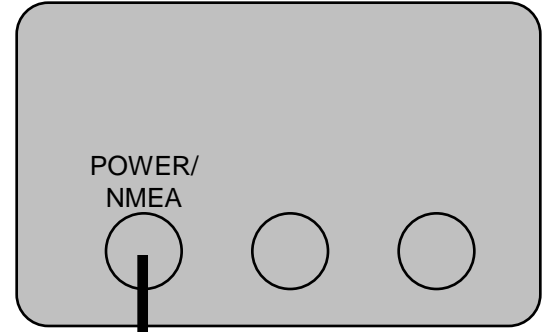


• +12VDC
• 0VDC

BROWN or PURPLE (Rx-A)
(whichever is available)

BLACK (Rx-B)*

Back of Garmin 3000-serie



POWER/
NMEA

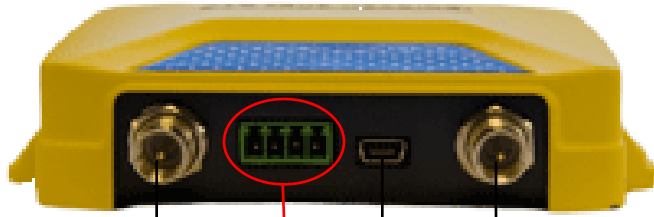


Cut and insulate
wires not used

* = Same wire for power supply
0V and NMEA Rx-B

RX Carbon and Carbon+ to Garmin 4000- and 5000-serie

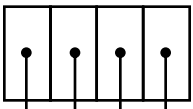
Picture shows RX Carbon+



To VHF antenna

To VHF radio

To PC



+12VDC
0VDC

WHITE (Rx-A)
ORANGE/WHITE (Rx-B)

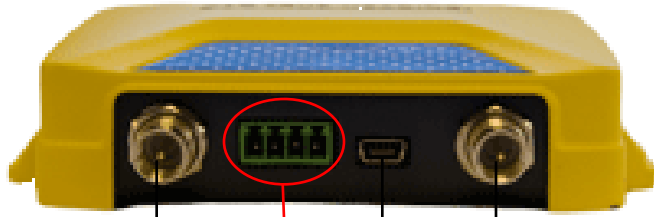
Cut and insulate wires not used





RX Carbon and Carbon+ to Garmin 6000- and 7000-serie

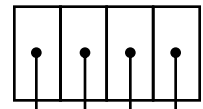
Picture shows RX Carbon+



To VHF antenna ←

To VHF radio →

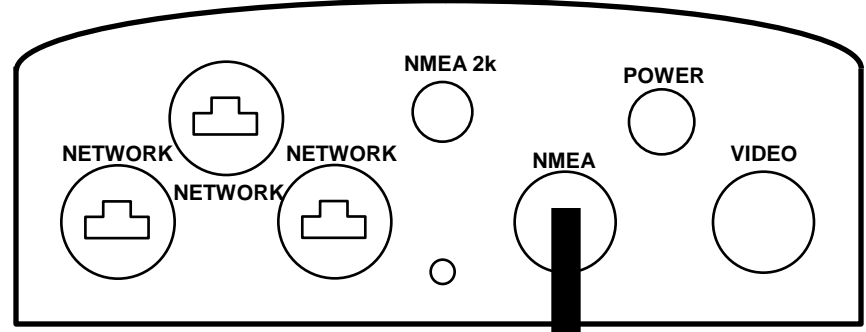
To PC →



+12VDC

0VDC

Back of Garmin
6008/6208/6012/6212/7012/7212



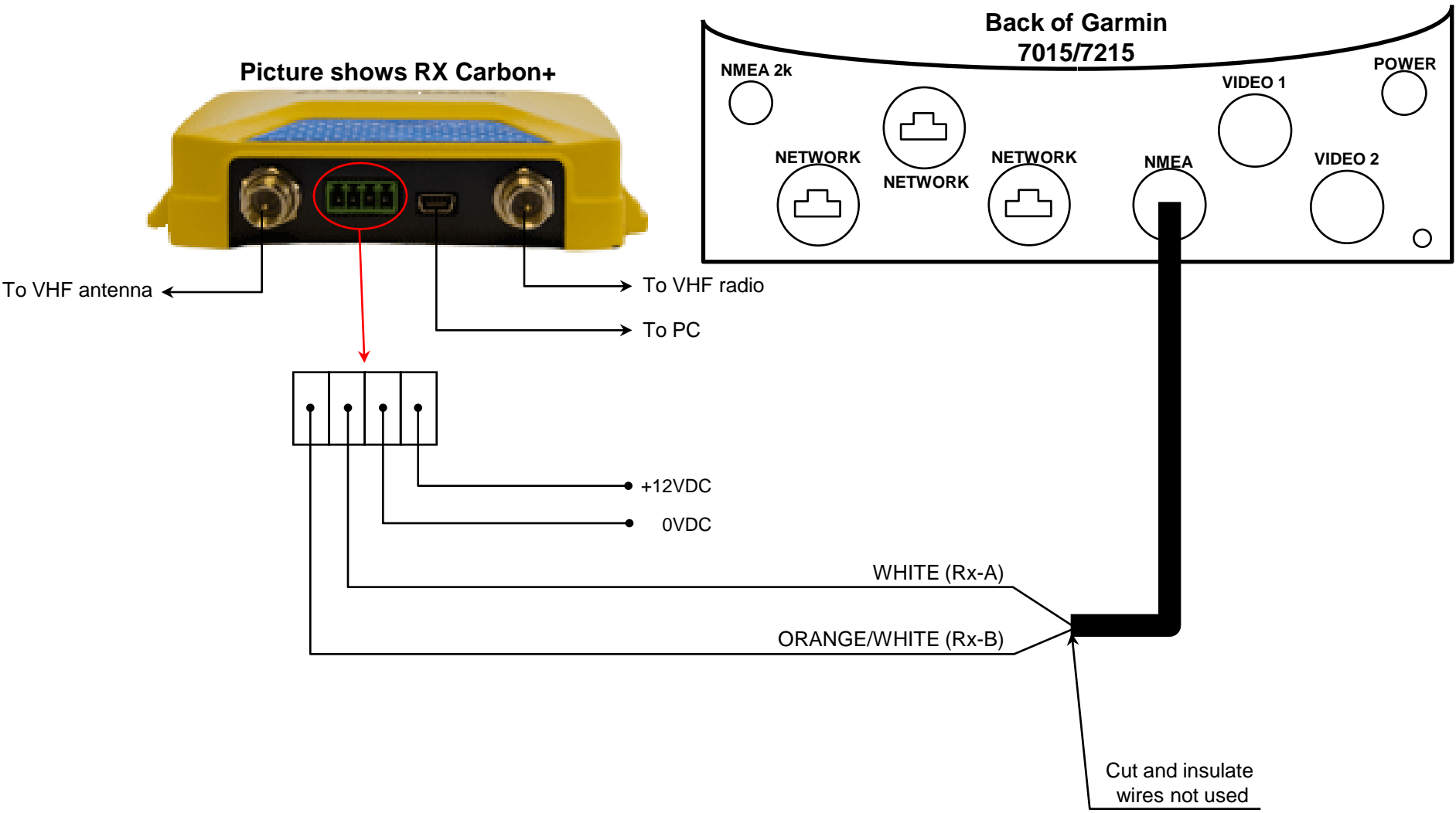
WHITE (Rx-A)

ORANGE/WHITE (Rx-B)

Cut and insulate
wires not used

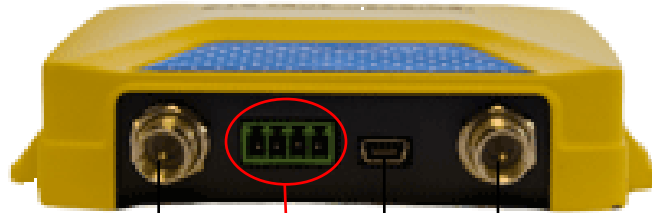


RX Carbon and Carbon+ to Garmin 7000-serie



RX Carbon and Carbon+ to Furuno MFD 8, 12 and Black Box

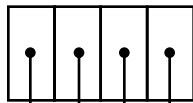
Picture shows RX Carbon+



To VHF antenna ←

→ To VHF radio

→ To PC



• +12VDC

• 0VDC

BROWN* (Rx-A)

BROWN/WHITE** (Rx-B)

FRUDD

Cut and insulate wires not used

Back of MFD 8/12/Black Box



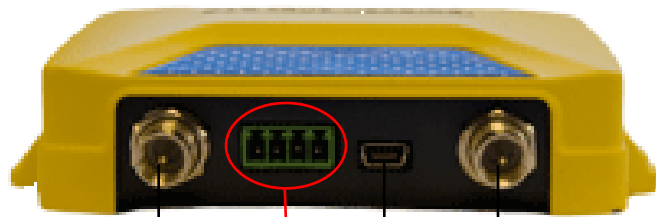
NOTE!

* = Instead of BROWN, BLUE wire can be used.

** = Instead of BROWN/WHITE, BLUE/WHITE wire can be used

RX Carbon and Carbon+ to Lowrance HDS 5x,7 ,8 and 10

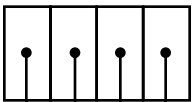
Picture shows RX Carbon+



To VHF antenna ←

→ To VHF radio

→ To PC



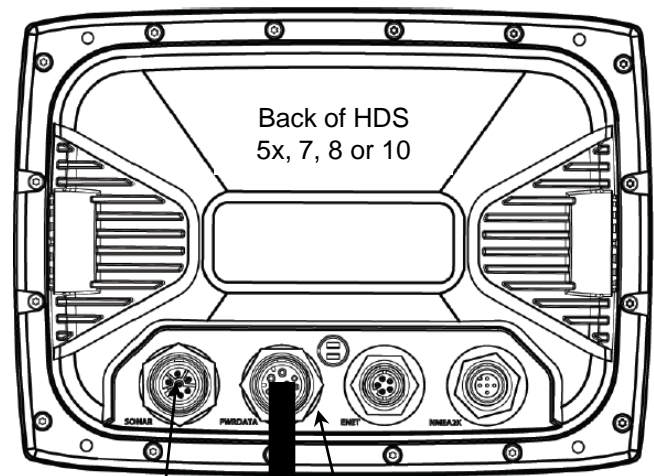
• +12VDC

• 0VDC

ORANGE (Rx+)

GREEN (Rx-)

Cut and insulate wires not used



Back of HDS
5x, 7, 8 or 10

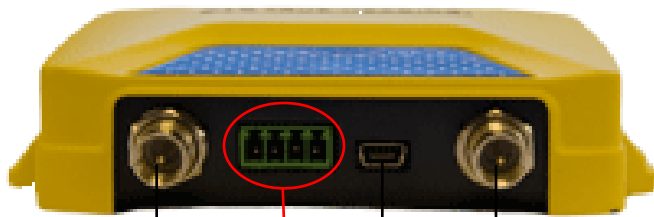
This connector is only available if HDS unit has echoe sounder function

POWER/DATA

Power etc.

RX Carbon and Carbon+ to Simrad NSE 8 & 12

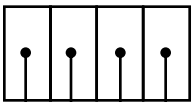
Picture shows RX Carbon+



To VHF antenna

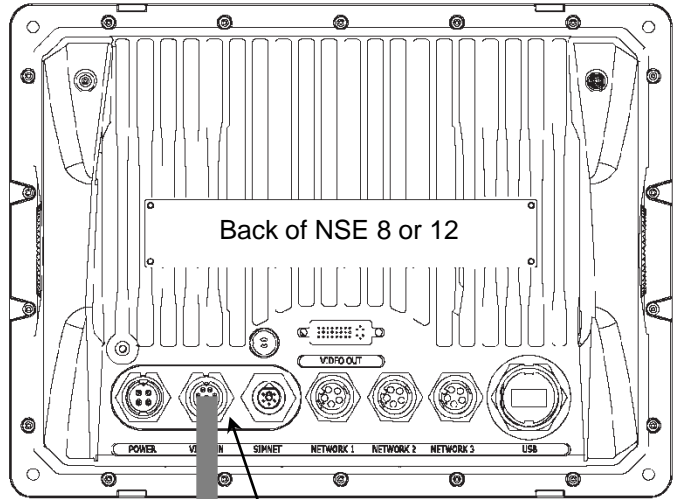
To VHF radio

To PC



+12VDC

0VDC



Back of NSE 8 or 12

VIDEO IN

Connectors for VIDEO IN

ORANGE (Rx+)

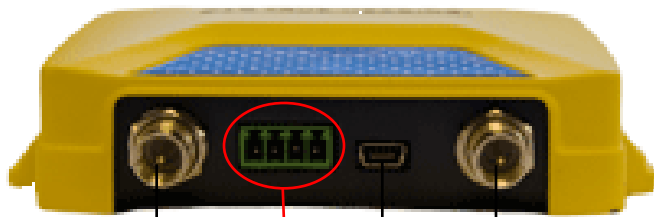
GREEN (Rx-)

Cut and insulate wires not used



RX Carbon and Carbon+ to Advanseae C.56/T.56/T.50

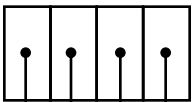
Picture shows RX Carbon+



To VHF antenna ←

→ To VHF radio

→ To PC



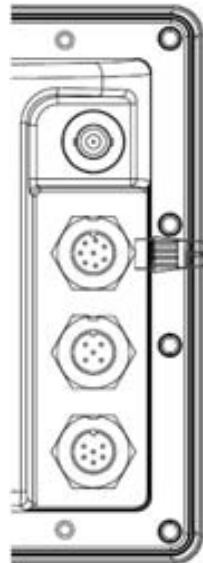
• +12VDC

• 0VDC

BLUE or YELLOW (Rx+)

BLACK (Rx-)

Back of Advanseae C.56/T.56/T.50



Power / Data cable

