

ZNR-102

2 ch NMEA Buffer / Isolator

This **ZNR-102 NMEA Buffer** is a high reliable signal distributor (splitter / repeater) for relaying shipboard NMEA-0183 data from one signal talker to two listeners.

This NMEA Buffer can receive any type of serial data such RS-422, RS-232, Current loop or 5V TTL signal, and distribute it as two RS-422 outputs.

This NMEA Buffer provides full DC isolation between input signal, output signal and input power each others.

Therefore this is useful to be used as signal isolator for rejection very high common mode noise.



ZNR-102
NMEA Buffer
(86mm x 30mm x 55mm)

Specifications.

- Standard :
 - NMEA-0183 (IEC61162-1) Compliance
 - RS-422 (ITU-X.27/V.11) Compliance

- Input port :
 - 1 Port
 - NMEA-0183 (RS-422, RS-232, Current loop, 5V TTL Signal).
 - High Speed Support (Up to 115,200bps)

- Output port :
 - 2 independent NMEA-0183 (RS-422) ports
 - High Speed Support (Up to 115,200bps)

- Indicator :
 - 1 LED
 - Input power : Red
 - Data output : Orange

- Protection :
 - Input port : Over voltage & reverse voltage protection
 - output ports : Over current protection and surge voltage protection
 - Input power : Reverse voltage input protection

- Input :
 - 18~32VDC (Appr. 100 mA).
- Power
 - Electronic Fuse. (No replace required)
 - Optional: DC12V (8.5~16V)

- Temperature :
 - Operating : -15°C ~ +55°C

- Weight :
 - Appr. 150g.

- Dimension :
 - 86mm x 30mm x 55mm