

ZNR-102

2ch NMEA Buffer/Splitter

Introduction

ZNR-102 2ch NMEA Buffer/Splitter is a high reliable signal distributor and repeater for relaying NMEA 0183 data received from one signal talker to two listeners.

It can receive any type of serial data such RS422, RS232, Current Loop, 5V TTL signal, and distribute signal via two RS422 output ports.

This Buffer provides full DC isolation between input signal, output signal and input power each other. It is useful to be used as a signal isolator for rejection very high common mode noise.

NMEA Buffer is also called as a splitter, a distributor, an expander and an amplifier.



Specifications

Standard	<ul style="list-style-type: none"> - NMEA 0183 (IEC61162-1) Compliance - RS422 (ITU-X.27/V.11) Compliance
Input Port	<ul style="list-style-type: none"> - 1 NMEA 0183 Input Port - RS422, RS232, Current Loop, 5V TTL Signal - High Speed Support (Up to 115,200bps)
Output Port	<ul style="list-style-type: none"> - 2 Independent NMEA 0183 (RS422) Ports - High Speed Support (Up to 115,200bps)
Indicator (LED)	<ul style="list-style-type: none"> - Input Power On : Red - NMEA Data In/Out : Orange
Protection (Circuits)	<ul style="list-style-type: none"> - Input Port : Over Voltage & Reverse Voltage Protection - Output Ports : Over Current Protection and Surge Voltage Protection - Input Power : Reverse Voltage Input Protection
Input Power	<ul style="list-style-type: none"> - 18~32VDC (Approx 100 mA) - Optional : DC12V (8.5~16V) - Electric Fuse, No replacement required
Temperature (Operation)	<ul style="list-style-type: none"> - -15°C ~ +55°C - -59°F ~ +131°F
Dimension/Weight	<ul style="list-style-type: none"> - 86 x 30 x 55 mm / 300 g - 3.4 x 1.2 x 2.2 in / 0.7 lb

■ **Remark**

- 1) If you need any other specifications, please contact us.
- 2) This specification may be changed without notification.