Optics & Photonics

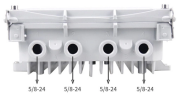
Indzawo Optic Connect

CAN bus fiber optic communication

CAN bus fiber optic communication

CLR-CAN-Fxx series modems are CAN bus to fiber converters. They are especially designed to extend the short transmission distance of CAN bus, making the data traffic insensitive to electromagnetic ...

As the product is power electronics, we are facing noise issue which disturb the CAN communication and hence product is not working properly. We are thinking to add fiber optic in ...



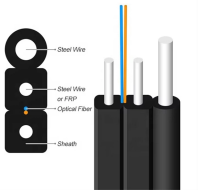
The DLCAN/DLCAN-R series represents a line of CAN to Fiber Optic Converters, designed to connect CAN field bus networks (e.g., CAN, CANopen, DeviceNet) via fiber optics.

A CAN bus to fiber optic converter is an effective technology used to transfer digital information from a Controller Area Network (CAN) over a reliable and secure optical medium.

This article discusses technical solutions and application examples for CAN-based systems, which combine electrical CAN segments with fiber optic communication links.

CAN bus Extenders permit maximum network speed and throughput on CAN, J1939, or DeviceNet network devices, resulting in better control of the process. In addition extenders require ...

The CAN bus series units support both CAN 1.0 and CAN 2.0B CAN standards and are transparent to all high-level protocols. The converter adopts the latest technology in the world, so it can support ...



The ICF-1170I Series CAN-to-fiber converters are used to convert CAN signals from copper to optical fiber. The converters come with 2 kV optical isolation for the CAN bus system and dual power inputs ...

But I believe what the OP wants is a CAN network (item 1 above, the differential pair) that uses an optical fiber instead of a differential copper pair. That isn''t going to be straightforward since ...

In response to the issue of susceptibility to electromagnetic interference in severe environments, we have proposed a CAN bus converter scheme based on fiber optic transmission.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: https://www.indzawo.co.za
Email: sales@indzawo.co.za
Phone: +27 71 296 8473
Address: 22 Quantum Street, Midrand, 1685, Gauteng, South Africa

This document is for informational purposes only. Specifications subject to change without notice.