

# Gen II Fiber Optic Bridge

Interchangeable bridge and satellite modules in various configurations built-in functionality for: High and Low Speed CAN, Single Wire CAN, CAN FD, and LIN

## KIT OPTIONS:

### LIN



### CAN



### CAN/LIN COMBO



## Benefits

- Transmits signals between a Device Under Test (DUT) and monitoring equipment
- Provides optical isolation of vehicle networks during EMI/EMC testing
- Compatible with all CAN protocols
- Quick and easy set up with user friendly controls
- Only requires two fibers between bridge and satellite module
- Exceeds or meets automotive EMC testing specifications
  - Radiated emissions
  - Bulk current injection
  - Radiated susceptibility
- Rechargeable batteries provide 12 hours of operating time before requiring recharge

Fiber optic converters that electrically isolate signals from the vehicle bus using common bridge and satellite modules interconnected with fiber optic cable for EMI and EMC testing.

# Key Features/ Protocols Supported

## LIN

- Supports LIN Version 2.X
- Supports Data Rates of 20K bps
- Capable of Using External Battery for Bus Voltage Reference

## CAN FD

- Supports the New High Speed CAN Standard From Bosch
- High Speed CAN Arbitration Phase to 1 Mbps
- Data Phase to 5 Mbps +

## High Speed CAN

- High Speed CAN to 1 Mbps
- ISO 11898 Physical Layer
- Terminating Resistor Options via Rotary Switch
  - None
  - 120 ohm
  - Split 120 ohm
  - ISO15765 AC Termination

## Single Wire CAN

- Normal and High Speed Modes
- With or Without Tool Termination Resistor
- Fully Compliant to GMW3089 V2.4 and J2411 Single Wire CAN Specification for Class B In-vehicle Communications
- Accurate Pass-thru of High Voltage Wakeup Signals at Normal Bus Speeds

### Kit:

- (2) Fiber Optic Modules (CAN,LIN, or COMBO)
- (2) 10 Meter Fiber Optic Cables
- 12 Volt Power Supply
- Carrying Case
- Quickstart Guide



# #VehicleCyber