

RS-232/RS-485 All Solution

OPT-CAN	OPT-CANS	OPT-CANEX	OPT-CANEXS
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Smallest, No setting

CAN to Optical Fiber Converter Repeater of CAN to Optical Fiber Converter

1 Usage

Boshika CAN to optical fiber converter is used to realize serial communication via optical fiber, and extend the communication distance. With optical fiber transmission medium, it prevents electromagnetic interference, resistance to high isolation voltage, lightning, etc. Optical fiber converters are widely used in industrial process control, distributed data acquisition, etc, especially power automation, traffic control and other departments.

2 the hardware installation

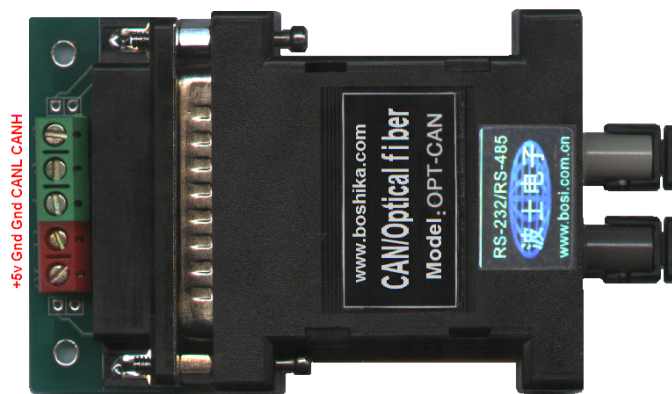
OPT-CAN is multimode fiber converter. OPT-CANS is single-mode fiber converter .Their shape is DB-25/DB-25 dongle size, including male DB-25 at one side (CAN ,5V). Using a pair of ST fiber connectors at the other side. OPT-CAN [S] need external dc 5V power supply (< 100 mA).

3 performance characteristics

OPT-CAN [S] series of CAN to optical fiber converters have the highest baurate of 125 Kbps. Without any initialization Settings! Unique zero delay automatic TXD-RXD exchange technology ensures that suitable for all software

socket	ST	Electronic interface	CAN
media	Multi-mode,Single-mode fiber	Size,weight	5V power
protocal	CAN2.0,CAN1.0 ,all protocal	distance	DB-25/25 Dongle、 90 gram
Wave length	820nm (Multi-mode) OPT-CAN	Fiber diameter	4Km (OPTCAN) 、 40Km (OPTCANS)
	1300nm(Single-mode) OPTCANS		50/125、 62.5/125、 100/140um

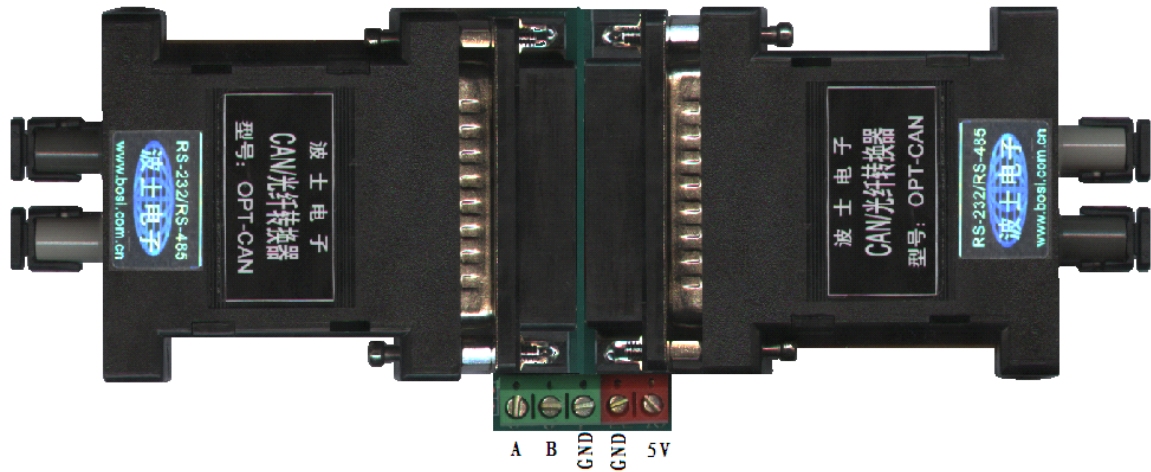
4 Figure



CAN to optical fiber

Model	Specification (Multi-mode)	Model	Specification (Single-mode)
OPT-CAN	CAN to optical fiber	OPT-CANS	CAN to optical fiber
OPT-CANEX	Repeater of CAN to fiber	OPT-CANEXS	Repeater of CAN to fiber

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Repeater of CAN to optical fiber

DB-25 Pin description of OPTCAN[S]

5	6	7		16	22
+A (CANH)	-B (CANL)	GND		+5V	GND

Only for OPT-CANS (Single-mode) has a jump set :

for <500 meter J3= (—)

for >500 meter J3= (— —)

OPT-CAN has no jump set.