

OPT-CANFD-A1

Specification



- ⌘ **Newest CAN FD BUS optic transceiver!**
- ⌘ **Adjustable capacitors for CAN_H/CAN_L to GND!**
- ⌘ **Built-in and switchable ESD protector!**
- ⌘ **Radiation susceptibility up to CW 300V/m!**
- ⌘ **Radiation susceptibility up to Radar Wave 600V/m!**
- ⌘ **Support external power supply!**
- ⌘ **Intuitive battery power indicator!**

Max speed:	5Mbps (fully ISO 11898-2:2016 compliant)
Fiber:	Single Core, ST, multi mode 62.5/125μm
BUS connector:	D-Sub 9 Socket (Pin2 to CAN_L / Pin7 to CAN_H)
BUS Termination Resistors:	Selectable via side actuated DIP switch 60Ω/120Ω/∞
Capacitors for CAN_H/CAN_L to GND:	Selectable via side actuated DIP switch 22pF/47pF/220pF/470pF/∞
ESD Protector:	Selectable via side actuated DIP switch 30kV/no protection
Built-in battery:	Li-Polymer battery
Continuous work time:	More than 24 hours (From fully charging)
Battery capacity indicator:	4 levels indicator
External power supply:	✂ DC 12V to 42V ✂ Via BUS connector (Pin8 to GND / Pin9 to DC+)
Battery Charger:	General DC 12V power supply can be used for charging via special connector
Temperature:	-40 to 194 degree Fahrenheit (-40 to 90°C)
Warranty:	Isolator: 36 months Accessories: 12 months (Accessories mean optic fiber, D Sub-9 converters, instrument container)
Dimension:	128mm(L)* 80 mm(W)* 44 mm(H)
Origin:	P.R. China

Item	OPT-CANHS-A1	Other brands
Released on	2017	2015
Max speed	5Mbps	2-5Mbps
EMI	CISPR 25:2016 Class 5	Unspecified
EMI with High Buffer Load	CISPR 25:2016 Class 5**	Unspecified
EMS	CW 300V/m Radar Wave 600V/m	Unspecified
Adjustable termination resistor	Side actuated DIP 3 choices	Jumper or Toggle
Adjustable capacitors for CAN_H/CAN_L to GND	Side actuated DIP 5 choices	Not supported
Built-in ESD protector	Side actuated DIP 2 choices	Not supported
Optic Fiber	Single Core	Two Cores
Built-in battery	Li-polymer	Not supported or Ni-MH
Continuous work time	More than 24 hours	Unspecified
Compatibility	ISO 11898-2:2016	Unspecified
Power indicator	4 levels	1 level / not supported
External power	DC 12V to 42V	Not supported
Warranty	36 months	12 months
Origin	P.R. China	EU or NA

** : Achieve this level with CHANGEN OPT-CANFD-C5 enhanced component.

Visit us for more details:

website : www.chan-gen.com

Tel: +86-139-2646-9403

Email: marketing@chan-gen.com