

**NEW**



## RS-232 to Fiber Media Converter

# FIB-232A

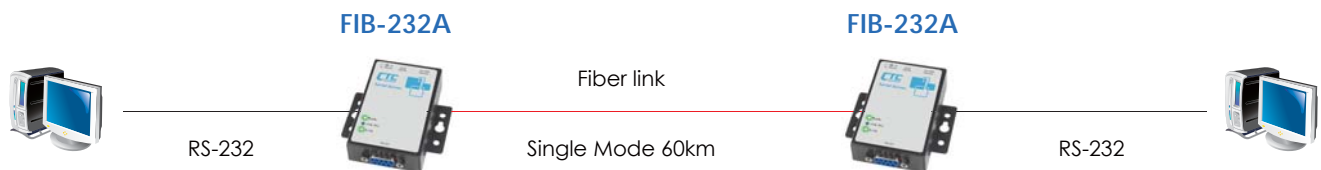
The FIB-232A is a low cost, compact, fiber converter designed to extend RS-232 transmissions up to 120Km without any repeaters. The transmissions run in fibers which provide for excellent data security as well as being immune to EMI/RFI, variations in ground potentials, and lightning strikes. With the selectable baud rate, the user can choose its own rate for the transmission. The FIB-232A operates at the physical layer (OSI Layer 1) and is completely transparent to the RS-232 transmissions and protocols. The FIB-232A may use an external power adapter. Utilizing an ST, SC fiber cable, the FIB-232A operates in Full Duplex mode for bi-directional transmissions. The FIB-232A RS-232 interface operates in DCE mode for direct connection to DTE devices such as PC DB9 port.

### Features

- Extends RS-232 transmission distance
  - Up to 2km with multi-mode fiber
  - Up to 120km with single-mode fiber
- Baud rates up to 230.4Kbps
- External power source supplied
- Compact size

### Specifications

Signal Format	EIA RS-232C, ITU V.24, V.28
Mode	Asynchronous
Connector	DB9 Female
Fiber Port	1 x 9(ST, SC)
Fiber Type	Single Mode, Multi-mode
Light Source	FP Laser, DFB Laser
Wavelength	1310 nm, 1550nm
Distance	2Km, 15Km, 30Km, 60Km, 80Km, 120Km
Baud Rate	Up to 230.4Kbps
BER	10 <sup>-9</sup>
Indications	LED (Power)
External Power	DC 12V, 0.4A
Environment	0 ~ 50°C, 20 ~ 95% RH -20 ~ 80°C, < 95% RH
Certification	CE, FCC, RoHS



### Ordering Information

Model Name	Description
FIB-232A	RS-232 to fiber media converter

Connector Type    Connectivity Distance

**FIB - 232A -**

Example: FIB - 232A - SC002

Connector Type	Connectivity Distance
SC, ST, FC	002: 2km    015: 15km    030: 30km    050: 50km    080: 80km    120: 120km
	20A: WDM 20km A type    20B: WDM 20km B type    40A: WDM 40km A type    40B: WDM 40km B type
	60A: WDM 60km A type    60B: WDM 60km B type    80A: WDM 80km A type    80B: WDM 80km B type