

Product Summary

FIBER MEDIA CONVERTERS

Standalone Type

FIB Series



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FIB Series

Standalone Type

FIB-232Ip/ST FIB-422

FIB-10 FIB-10/100 FIB-10/100W

The FIB-XX Series are standalone fiber media converters available in models for 10Base-T, 100Base-TX, 10/100 Ethernet, RS-232 data port or RS-422 data port. The FIB-10, and FIB10/100 models of Ethernet Fiber Converters give you the options to choose from the two most popular fiber cabling connectors, ST or SC. Both multi-mode and single mode converter models are available as well as WDM (wave division multiplexing) which allows Tx and Rx to use a single fiber cable. The Ethernet connections are all provided by shielded RJ-45 jacks and incorporate either a connector pair or a selector switch to allow connection to either HUB or PC equipment. When auto-negotiation is selected, these units will automatically tailor themselves to convert both half-duplex and full-duplex Ethernet signals, depending on your specific network needs. LED indicators signal the power status of the converter, UTP port speed, duplex status and Link/Rx and FX port Link/Rx and duplex status. The data port models FIB-232 and FIB-422 provide transparent connection of their respective interface type over multi-mode cable up to 2Km without the need for any software drivers.



FIB-232Ip/ST

FIB-232Ip/ST

RS-232 to Fiber ST Converter
(Single mode available upon request)

FEATURES

- Compact design.
- RS-232 at rates up to 115.2K Baud.
- Extends RS-232 up to 2Km.
- ST connector accommodates multi-mode fiber optic cable size 62.5/125µm.
- Interface powered, power adapter optional.
- Secure data transmissions over fiber.
- Full Duplex bi-directional transmissions.
- Transparent operation, no drivers required.



FIB-422

FIB-422

RS-422 to Fiber ST Converter
(Single mode available upon request)

FEATURES

- Compact design
- Extends RS-422 up to 2Km.
- RS-422 at rates up to 115.2K Baud.
- ST connector accommodates multi-mode fiber optic cable size 62.5/125µm.
- Secure data transmissions over fiber.
- Provides electromagnetic immunity.
- Full Duplex, bi-directional operation.
- Transparent operation.
- DC powered from AC adapter.



FIB-10

FIB-10

10Base-T to 10Base-FL Fiber SC Converter

FEATURES

- Complies with IEEE 802.3 10Base-FL standards.
- Fiber connectivity up to 2Km. (multi-mode)
- ST/SC connector can accommodate multi-mode size of 62.5/125µm
- RJ-45 straight/ crossed selector switch
- 5 diagnostic LEDs



FIB-10/100

FIB10/100

Fiber 10/100 Mbps/ST or SC Converter

FEATURES

- Complies with IEEE 802.3 10Base-T, 802.3u 100Base-TX and 100Base-FX standards.
- Fiber connectivity up to 120Km for single-mode.
- ST or SC connector can accommodate single-mode size of 9/125μm, multimode size 62.5/125μm.
- Two RJ-45 for straight or cross-over connection.
- Full-Duplex, Half-Duplex or Auto selectable
- 6 diagnostic LEDs



FIB-10/100W

FIB-10/100W

Fiber 10/100 Mbps WDM /ST or SC Converter (single-mode)

FEATURES

- Complies with IEEE 802.3 10Base-T, 802.3u 100Base-TX and 100Base-FX standards.
- Utilizes WDM technology to provide TX and RX on a single fiber cable.
- Fiber connectivity up to 20Km for single-mode.
- ST or SC connector can accommodate single-mode size of 9/125μm.
- Two RJ-45 for straight or cross-over connection.
- Full-Duplex, Half-Duplex or Auto selectable
- 6 diagnostic LEDs

Ordering Information

● FIB-232Ip/ST	RS-232 to Fiber Converter, ST, Multi-mode, 2Km
● FIB-422/ST	RS-422 to Fiber Converter, ST, Multi-mode, 2Km
● FIB-10M/ST2 ● FIB-10M/SC2	10 Base-T to fiber converter, multi mode, ST, 2Km 10 Base-T to fiber converter, multi mode, SC, 2Km
● FIB-10/100S/ST30 ● FIB-10/100S/SC30 ● FIB-10/100S/ST50 ● FIB-10/100S/SC50 ● FIB-10/100S/ST120 ● FIB-10/100S/SC120 ● FIB-10/100M/ST2 ● FIB-10/100M/SC2	10/100 Base-TX to fiber converter, single mode, ST, 30Km 10/100 Base-TX to fiber converter, single mode, SC, 30Km 10/100 Base-TX to fiber converter, single mode, ST, 50Km 10/100 Base-TX to fiber converter, single mode, SC, 50Km 10/100 Base-TX to fiber converter, single mode, ST, 120Km 10/100 Base-TX to fiber converter, single mode, SC, 120Km 10/100 Base-TX to fiber converter, multi mode, ST, 2Km 10/100 Base-TX to fiber converter, multi mode, SC, 2Km
● FIB-10/100W/SC20A ● FIB-10/100W/SC20B ● FIB-10/100W/SC40A ● FIB-10/100W/SC40B	10/100 Base-TX to WDM fiber converter, SC connector, 20Km (Matches with FIB-10/100W/SC20B) 10/100 Base-TX to WDM fiber converter, SC connector, 20Km (Matches with FIB-10/100W/SC20A) 10/100 Base-TX to WDM fiber converter, SC connector, 40Km (Matches with FIB-10/100W/SC40B) 10/100 Base-TX to WDM fiber converter, SC connector, 40Km (Matches with FIB-10/100W/SC40A)

*Special note for WDM : Because WDM utilizes different wave lengths on the same physical fiber cable, the WDM units must be matched in pairs (which we designate as A and B). Failure to match in pairs (A unit to B unit) will not allow any transmission on the fiber link as the transmit wavelength of one unit in the pair must match the receive wavelength of the other unit in the pair.