10Mbps Fiber Converter Series

NEW

FIBER

10Base-T to 10Base-FL Fiber SC Converter (multi-mode)

The FIB-10M/SC2 is an ideal solution for overcoming cable length barriers within your LAN. This powerful media converter allows you to use 10Base-T and 10Base-FL standards all on the same LAN. One RJ-45 port is provided for your 10Base-T UTP cable connection. One SC connection is provided for your 10Base-FL fiber optic cable. The SC fiber connection extends connectivity distances up to 2KM while the RJ-45 port with straight/crossed selector provides quick and convenient connectivity to all 10Base-T equipment. Five LED indicators signal the power status of the converter, UTP and Fiber link, and UTP and Fiber Rx activity.

FEATURES

- Complies with IEEE 802.3 10Base-T and 10Base-FL standards
- Fiber connectivity up to 2KM
- SC connector can accommodate multi-mode fiber size of 62.5/125µm
- RJ-45 straight/crossed selector switch
- 5 diagnostic LEDs

SPECIFICATIONS

- **Compatibility**
  Standards   IEEE 802.3 10Base-T and 10Base-FL
  Protocol   CSMA/CD
- **Physical Characteristics**
  Interface   RJ-45 connector, using UTP 100-ohm Cat. 3, 4 or 5 cable
                               SC connector, using 62.5/125µm multimode fiber optic cable
  Wave Length   820nm
  Maximum Segment Length   UTP cable (10Base-T)   : 100 Meters
                               multi-mode cable, full duplex : 2000 Meters
  Temperature   0ºC to 70ºC (Operating)
  Humidity   10% to 90% (Non-condensing)
  External Power Supply   Input rating   : 110 or 220VAC, 50-60Hz
                               Output rating : 9VDC, 600mA

10Base-T to 10Base-FL Fiber ST Converter (multi-mode)

The FIB-10M/ST2 is an ideal solution for overcoming cable length barriers within your LAN. This powerful media converter allows you to use 10Base-T and 10Base-FL standards all on the same LAN. One RJ-45 port is provided for your 10Base-T UTP cable connection. Two ST connections are provided for your 10Base-FL fiber optic cables. The ST fiber connections extend connectivity distances up to 2KM while the RJ-45 port with straight/crossed selector provides quick and convenient connectivity to all 10Base-T equipment. Five LED indicators signal the power status of the converter, UTP and Fiber link, and UTP and Fiber Rx activity.

FEATURES

- Complies with IEEE 802.3 10Base-T and 10Base-FL standards
- Fiber connectivity up to 2KM
- ST connectors can accommodate multi-mode fiber size of 62.5/125µm
- RJ-45 straight/crossed selector switch
- 5 diagnostic LEDs

SPECIFICATIONS

- **Compatibility**
  Standards   IEEE 802.3 10Base-T and 10Base-FL
  Protocol   CSMA/CD
- **Physical Characteristics**
  Interface   RJ-45 connector, using UTP 100-ohm Cat. 3, 4 or 5 cable
                               ST connector, using 62.5/125µm multimode fiber optic cable
  Wave Length   820nm
  Maximum Segment Length   UTP cable (10Base-T)   : 100 Meters
                               multi-mode cable, full duplex : 2000 Meters
  Temperature   0ºC to 70ºC (Operating)
  Humidity   10% to 90% (Non-condensing)
  External Power Supply   Input rating   : 110 or 220VAC, 50-60Hz
                               Output rating : 9VDC, 600mA

FIB-10S/ST14

10Base-T to 10Base-FL Fiber ST Converter (single-mode)

The FIB-10S/ST14 is an ideal solution for overcoming cable length barriers within your LAN. This powerful media converter allows you to use 10Base-T and 10Base-FL standards all on the same LAN. One RJ-45 port is provided for your 10Base-T UTP cable connection. Two ST connections are provided for your 10Base-FL fiber optic cables. The ST fiber connections extend connectivity distances up to 14KM while the RJ-45 port with straight/crossed selector provides quick and convenient connectivity to all 10Base-T equipment. Five LED indicators signal the power status of the converter, UTP and Fiber link, and UTP and Fiber Rx activity.

FEATURES

- Complies with IEEE 802.3 10Base-T and 10Base-FL standards
- Fiber connectivity up to 14KM
- ST connectors can accommodate single-mode fiber size of 9/125μm
- RJ-45 straight/crossed selector switch
- 5 diagnostic LEDs

SPECIFICATIONS

- **Compatibility**

Standards	IEEE 802.3 10Base-T and 10Base-FL
Protocol	CSMA/CD

- **Physical Characteristics**

Interface	RJ-45 connector, using UTP 100-ohm Cat. 3, 4 or 5 cable
	ST connector, using 9/125μm single-mode fiber optic cable
Wave Length	1310nm
Maximum Segment Length	UTP cable (10Base-T) : 100 Meters
	single-mode cable, full duplex : 14KM
Temperature	0ºC to 70ºC (Operating)
Humidity	10% to 90% (Non-condensing)
External Power Supply	Input rating : 110 or 220VAC, 50-60Hz
	Output rating : 9VDC, 600mA

Ordering Part No	Description
1.FIB-10M/ST2	10 Base-T to fiber converter, multi mode, ST, 2Km
2.FIB-10M/SC2	10 Base-T to fiber converter, multi mode, SC, 2Km
3.FIB-10S/ST14	10 Base-T to fiber converter, single mode, ST, 14Km

All specifications are subject to change without notice.

100Mbps Fiber Converter Series

FIBER NEW

FIB-100M/ST2
FIB-100M/SC2

Fiber/ST and SC Converters (multi-mode)

The Fast Fiber Converter Series gives you the option to choose from the two most popular fiber cabling connectors. The FIB-100M/ST provides you with ST connectors for your fiber optic cables and RJ-45 ports (straight through and cross-over) for your 100Base-TX twisted pair cable connection. The FIB-100M/SC provides you with SC connector for your fiber optic cable and RJ-45 ports (straight through and crossover) for your 100Base-TX cable connection. When auto-negotiation is selected, these units will automatically tailor themselves to convert both half-duplex and full-duplex signals, depending on your specific network needs. You may also set the unit to convert signals in full-duplex only or half-duplex only. The Fast Fiber Converters give you the freedom to extend your 100Mbps cabling distance by allowing connectivity up to 2 kilometers. Five LED indicators signal the power status of the converter, RJ-45 port and FX port activity, and Full or Half Duplex status.

FEATURES

- Complies with IEEE 802.3u 100Base-FX and 100Base-TX standards
- Fiber connectivity up to 2KM
- ST or SC connectors accommodate multi-mode fiber optic cable size 62.5/125μm
- Two RJ-45 for straight or cross-over connection
- Full-Duplex, Half-Duplex, or Auto selectable
- 5 diagnostic LEDs

SPECIFICATIONS

- **Compatibility**

Standards	IEEE 802.3u 100Base-TX and 100Base-FX
Protocol	CSMA/CD

- **Physical Characteristics**

Interface	RJ-45 connector, using UTP 100-ohm Cat. 5 cable
	ST or SC fiber connector, using 62.5/125μm multi-mode fiber cable
Wave Length	1310nm
Maximum Segment Length	UTP cable (100Base-TX): 100 Meters
	multi-mode cable, full duplex : 2000 Meters
Temperature	0ºC to 70ºC (Operating)
Humidity	10% to 90% (Non-condensing)
External Power Supply	Input rating :110 or 220VAC,50-60Hz
	Output rating : 9VDC, 800mA

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FIB-100S/ST??
FIB-100S/SC??   **??=15, 30 or 50 Fiber/ST and SC Converters (single-mode)**

The Fast Fiber Converter Series gives you the option to choose from the two most popular fiber cabling connections. The FIB-100S/ST provides you with ST connections for your fiber cables and RJ-45 ports (straight through and crossover) for your 100Base-TX twisted pair connection. The FIB-100S/SC provides you with SC connector for you fiber optic cable and RJ-45 ports (straight through and crossover) for your 100Base-TX cable connection. Utilizing single-mode optical cable, the cabling distance of your 100Base-TX network may be extended to 15, 30, or 50 kilometers. When auto-negotiation is selected, these units will automatically tailor themselves to convert both half-duplex and full-duplex signals, depending on your specific network needs. You may also set the unit to convert signals in full-duplex only or half-duplex only. Five LED indicators signal the power status of the converter, RJ-45 port and FX port Rx activity, and Full or Half Duplex status.

FEATURES
- Complies with IEEE 802.3u 100Base-FX and 100Base-TX standards.
- Fiber connectivity models for 15, 30 or 50KM.
- ST or SC connectors accommodate single-mode fiber size 9/125μm.
- Two RJ-45 for straight or cross-over connection.
- Full-Duplex, Half-Duplex, or Auto selectable.
- 5 diagnostic LEDs

SPECIFICATIONS

- **Compatibility**

Standardsl	IEEE 802.3u 100Base-TX and 100Base-FX
Protocol	CSMA/CD

- **Physical Characteristics**

Interface	RJ-45 connector, using UTP 100-ohm Cat. 5 or above cable
	ST or SC connector, using 9/125μm single-mode fiber optic cable
Wave Length	1310nm
Maximum Segment Length	UTP cable (100Base-TX): 100 Meters
	single-mode cable, full duplex : 15, 30 or 50 Kilometers
Temperature	0ºC to 70ºC (Operating)
Humidity	10% to 90% (Non-condensing)
External Power Supply	Input rating : 110 or 220VAC, 50-60Hz
	Output rating : 9VDC, 800mA

Ordering Part No	Description
1.FIB-100S/ST15	100 Base-T to fiber converter, single mode, ST, 15Km
2.FIB-100S/SC15	100 Base-T to fiber converter, single mode, SC, 15Km
3.FIB-100S/ST30	100 Base-T to fiber converter, single mode, ST, 30Km
4.FIB-100S/SC30	100 Base-T to fiber converter, single mode, SC, 30Km
5.FIB-100S/ST50	100 Base-T to fiber converter, single mode, ST, 50Km
6.FIB-100S/SC50	100 Base-T to fiber converter, single mode, SC, 50Km
7.FIB-100S/ST2	100 Base-T to fiber converter, single mode, ST, 2Km
8.FIB-100S/SC20	100 Base-T to fiber converter, single mode, SC, 2Km

All specifications are subject to change without notice.

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