


FE-6400:

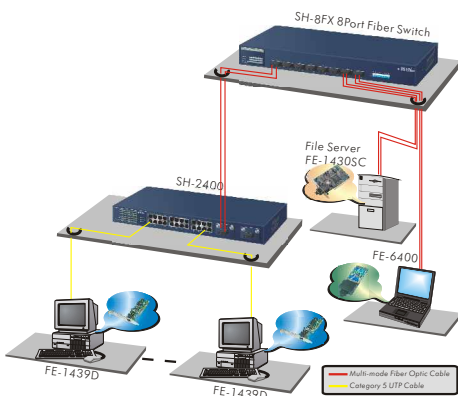
Fast Ethernet 100Base-FX CardBus Fiber NIC

Key Features

- Suitable for fiber-to-notebook applications
- Multiple choices for fiber connector - SC, ST, MT-RJ and LC
- Supports major network operating systems
- RoHS Compliance

Overview

FE-6400 is credit-card-size 32-bit CardBus Fast Ethernet 100Base-FX PC Card for PCMCIA CardBus equipped notebook computer. Designed with high-performance CardBus Fast Ethernet controller, FE-6400 uses Bus-mastering DMA approach to optimize throughput while maintaining low CPU utilization. It provides fiber optic link capability for CardBus notebook PC to connect the existing fiber network at 100Mbps data rate with fiber optic cable. The maximum fiber optic cable distance can be up to 2Km for multi-mode and 5, 20, 40 and 60Km for single-mode fiber. There are several models for different type of fiber connectors, SC, ST, MT-RJ and LC. Diagnostic LEDs are easily visible for maintenance purpose. Extensive Network Operating System (NOS) drivers such as NetWare, Windows 98/NT/2000/XP, are available.


Technical Specifications

- **Standards:** IEEE802.3u 100Base-FX PCMCIA Type II CardBus PC Card
- **Card Slot:** 68-pin connector at one end for PC connection
- **Media Coupler:** Dongle-less media coupler with multi-mode SC, ST, MT-RJ, LC or single-mode SC connector
- **Fiber:** 50/125, 62.5/125 or 100/140 μ m (multi-mode)
8.3/125, 8.7/125, 9/125 or 10/125 μ m (single-mode)
- **Maximum Wire Length**

| | | |
|---------------------------|----------------|---------------|
| Full Duplex (multi-mode) | Node to Node | 2 Km |
| | Node to Switch | 2 Km |
| Full Duplex (single-mode) | Node to Node | 5,20,40,60 Km |
| | Node to Switch | 5,20,40,60 Km |

- **Data Transfer Mode/Speed:** 100Mbps full-duplex mode
- **Diagnostic LED:** Link, Activity
- **NOS Supported:** NetWare, Windows 98, Windows NT, Windows 2000, Windows XP
- **Power Requirement:** 0.5A @ +3.3V, 0.5A @ +5V
- **Ambient Temperature:** 0~50°C
- **Humidity:** 5~90%
- **Dimensions:** Dongle-Less 16(H)x 54(W)x 140(D) mm
- **Weight:** 0.06Kg
- **Certification:** FCC Part 15 Class B, CE Mark

Packing Information

| Carton Dimensions (mm) | pcs/Carton | N.W (KG) | G.W (KG) |
|------------------------|------------|----------|----------|
| 495x480x335 | 100 | 15 | 16 |

Ordering Information

| | |
|----------------------|---|
| FE-6400SC | Fast Ethernet 100Base-FX CardBus Fiber Card, Dongle-less, SC, Multi-mode |
| FE-6400ST | Fast Ethernet 100Base-FX CardBus Fiber Card, Dongle-less, ST, Multi-mode |
| FE-6400SC.S05 | Fast Ethernet 100Base-FX CardBus Fiber Card, Dongle-less, SC, Single-mode, 5Km |
| FE-6400SC.S20 | Fast Ethernet 100Base-FX CardBus Fiber Card, Dongle-less, SC, Single-mode, 20Km |
| FE-6400SC.S40 | Fast Ethernet 100Base-FX CardBus Fiber Card, Dongle-less, SC, Single-mode, 40Km |
| FE-6400SC.S60 | Fast Ethernet 100Base-FX CardBus Fiber Card, Dongle-less, SC, Single-mode, 60Km |

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