Apple Ethernet LC Card

Overview

The Apple® Ethernet Card* LC is an affordable, high-performance network interface card for the Macintosh® LC personal computer.

The Apple Ethernet LC Card and the Apple-Ethernet Thin Coax Transceiver* provide a high-performance (10 megabits per second) network option that is easier to install and configure than traditional Ethernet systems. The Ethernet LC Card, Ether-Plus Thin Coax Transceiver, and 2-meterthin coaxial cable (included with the Transceiver) are all you need to connect Macintosh LC computers together on an Ethernet network. Because the Apple Ethernet Thin Coax Transceiver is self-terminating, no terminator or other Ethernet equipment is required.

In addition to the Apple Ethernet Thin Coax Transceiver, Apple Ethernet media adapters are available to integrate the Ethernet LC Card into twisted-pair and thick coaxial cable Ethernet environments.

* See back page for FCC certification information.

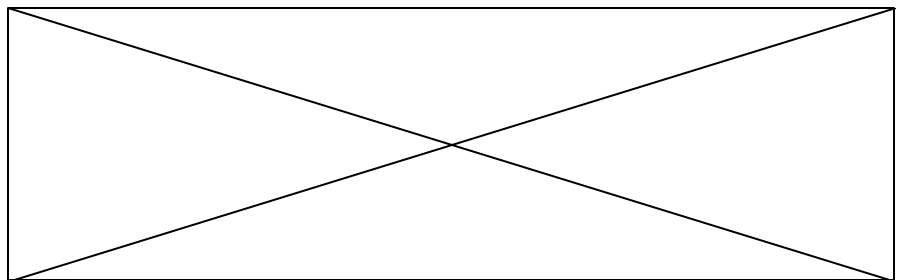| *Features*	*Benefits*
· Apple Ethernet Cable System compatibility	· Provides ''plug-and-play'' networking for the Macintosh LC computer. Allows the Macintosh LC computer to connect to any Ethernet cabling environment.
· Includes EtherTalk® software	· Provides AppleTalk® network system users with a higher-performance connection to network services.
· Compliance with IEEE802.3 standards	· Allows Macintosh LC computers to connect to industry-standard Ethernet networks and interoperate in multivendor Ethernet environments.

System Requirements

Apple Ethernet Thin Coax Transceiver (Order No. M0329LL/A)

The Ethernet Thin Coax Transceiver provides ''plug-and-play'' networking in a high-performance Ethernet environment. The Ethernet LC Card, the Apple Ethernet Thin Coax Trans-ceiver, and the 2-meter segment of thin coaxial cable included with the Transceiver are all that you need to connect a Macin-tosh LC computer to an Ethernet network. No terminators or other Ethernet hardware is required.

The Apple Ethernet Self-Terminating Cable--5 Meter (Order No. M0833LL/ A) and Apple Ethernet Self-Terminating Cable--13-Meter Plenum (Order No. M0436LL/A), or other RG 58 A/U thin coaxial cable, can be used to connect devices that are more than 2 meters apart.
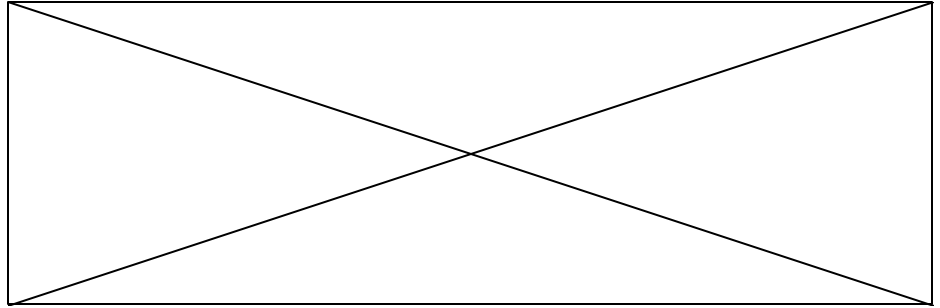
System Requirements

Apple Ethernet Twisted-Pair Transceiver* (Order No. M0437LL/A)

The Apple Ethernet Twisted-Pair Transceiver is used to connect the Ethernet LC Card to an Ethernet network using unshielded twisted-pair cable. To use Ethernet with unshielded twisted-pair media, you need an IEEE 802.3 10BASE-T-compatible hub, sold separately from third-party vendors.
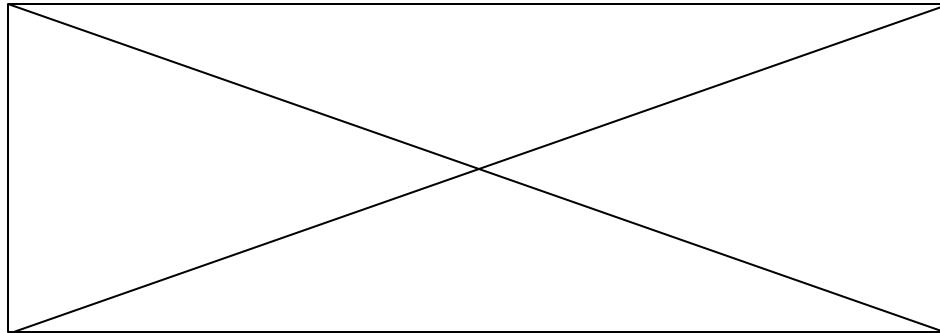

Apple Ethernet AUI Adapter (Order No. M0432LL/A)

The Apple Ethernet AUI Adapter provides the Ethernet LC Card with a standard IEEE 802.3 Attachment Unit Interface (AUI). The AUI can be used to connect the Ethernet LC Card to an external transceiver.

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Apple Ethernet LC Card

System Requirements

In addition to the Apple Ethernet LC Card and accompanying software, the following are required to connect a Macintosh LC personal computer to an Ethernet network.

· The Macintosh Operating System.
· If you are using Apple-Talk network services, the network must use Apple-Talk Phase 2 protocols.

· An Apple Ethernet Cable System external transceiver or AUI adapter. Each of the available Apple Ethernet media adapters is described in this datasheet.

Product Details

The Apple Ethernet LC Card provides physical and link level access to data communications networks

meeting IEEE 802.3 and 802.2 Logical Link Control (LLC) type 1 standards.

Technical Specifications

· *Connector:* Apple Ethernet
· *Transmit/Receive data rate:* 10-megabits-per-second max-imum data rate
· *Power dissipation:* < 4 watts

· *Environmental require-ments*: Operating tempera-ture: 50ƒ to 104ƒ F (10ƒ to 40ƒ C); Humidity: 20% to 95% noncondensing at a temperature range of 25ƒ to 40ƒ C

· *Ethernet controller:* National Semiconductor DP83932 (SONIC)

Ordering Information

Apple Ethernet LC Card

Order No. M0443LL/A

With your order you receive:
· Apple Ethernet LC Card
· *EtherTalk Installer* disk
· *Ethernet LC User's Guide*
· Limited warranty statement

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