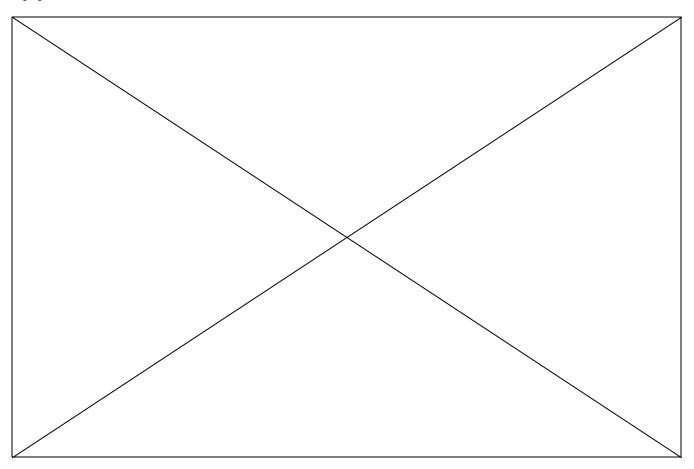# Apple Coax/Twinax Card



## Overview

The Apple® Coax/Twinax Card is an expansion card that allows personal computers in the Macintosh® II family of systems to connect to an IBM SNA (Systems Network Architecture) network as 3270 Information Display Systems, via industry-standard coax cabling. The card allows users to access mainframe-based 3270 applications in the same manner as they would from a terminal, while enjoying all of the benefits of Macintosh technology for their local applications. The Apple Coax/Twinax Card also has a twinax connector for third-party 5250 terminal emulation support.

This intelligent NuBus™ interface card has its own 68000 microprocessor, memory, and multitasking operating system. Operating independently of the main Macintosh II processor, the Apple Coax/Twinax Card supports the execution of communications protocols with minimal access to the Macintosh II processor and operating system. And because all of the communications processing is done on the card, Macintosh applications can run more effectively under MultiFinder.®

The MacDFT® application software works with the Apple Coax/Twinax Card to allow single-session Control Unit Terminal (CUT) emulation or up to five-session Distributed Function Terminal (DFT) 3270 emulation. Files can be transferred to or from mainframes running VM/CMS or MVS/TSO using the IBM IND$FILE package.

The Apple 3270 API, a high-level application programming interface, gives application developers a consistent platform for developing customized 3270 applications.

# Apple Coax/Twinax Card

| Features and Benefits | Features | | Benefits | |
|---|---|---|---|---|
| | • Connection to SNA networks | | • Allows access to applications and data on IBM mainframes. | |
| | • Based on the Macintosh Coprocessor Platform™ | | • Handles all SNA communications processing for the Macintosh II. | |
| | • 512K of RAM, expandable to 1 megabyte | | • Provides support for multiple protocols. | |

| System Requirements | To use the Apple Coax/Twinax Card, you'll need: | • A personal computer in the Macintosh II family of systems | • MacDFT application software or compatible third-party software |
|---|---|---|---|
| | | • Macintosh system software version 6.0.3 or later | |

| Technical Specifications | Connector<br>• BNC (coax) and 15-pin D-style (twinax) | Processor<br>• Motorola 68000 running at 10 megahertz | Application programming interface<br>• Apple 3270 API |
|---|---|---|---|
| | Interface<br>• NuBus; plugs into any Macintosh II computer | Memory<br>• 512K of RAM, expandable to 1 megabyte | Coax support<br>• Category A |
| | | | Power dissipation<br>• 10 watts |

| Ordering Information | Apple Coax/Twinax Card | Order No. M0261 | With your order, you'll receive:<br>• Apple Coax/Twinax Card<br>• MacDFT User's Guide<br>• Limited warranty statement |
|---|---|---|---|
| | MacDFT Software | Order No. M0695<br>Please refer to the MacDFT data sheet (M0064LL/A) for features and product details. | With your order, you'll receive:<br>• MacDFT Software<br>• MacDFT User's Guide<br>• Limited warranty statement |