



# Tech Info Library

## FriendlyNet: Fiber-Optic Transceivers

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TOPIC -----

I need to know if anyone manufactures a fiber transceiver for the Macintosh to plug into the Quadra (Friendly Net connector). We're running fiber instead of twisted/thin/thick Ethernet cable. It will be at Ethernet speed, but the cable type is fiber. Do you know of any companies that have such a product?

DISCUSSION -----

There are no FriendlyNet compatible fiber-optic transceivers available at this time. The Ethernet specification (10BASE-F) for data transmission using fiber hasn't yet been approved as a final specification. There are several vendor-specific implementations of fiber-based Ethernet, but most are incompatible with each other and with the proposed 10BASE-F specification. Several vendors have fiber-optic transceivers you can attach to the FriendlyNet thicknet transceiver option.

[Mac]-----	[FTT]-----	[FT]-----	ENET--
AAUI	FriendlyNet	Std. AUI	Fiber
Cable	Thicknet transceiver	Cable	Transceiver

If you have a fiber plant installed with an Ethernet running, you should have access to these types of transceivers from the vendor who originally supplied the fiber network components. Allied Telesis, BlackBox, and Canary all sell fiber transceivers.

On AppleLink, you can find contact information for the various vendors by clicking the Library Index button to view the folder structure in the Tech Info Library. An alphabetic listing of vendors is in the Third Party Company Directory folder.

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