



Tech Info Library

LocalTalk RJ-11 Connector: Description (5/93)

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TOPIC -----

This article describes the Apple LocalTalk RJ-11 Connector.

DISCUSSION -----

The Apple LocalTalk RJ-11 Connector system provides a flexible solution for sharing information, printers and communicating with others over common, unshielded, twisted-pair cabling. Using Apple LocalTalk RJ-11 connectors allows you to build affordable, easy-to-use, easy-to-expand, AppleTalk networks on unshielded, twisted-pair cabling for fast, reliable network communications.

Features

- Connects to Macintoshes with mini DIN-8 or DB-9 connector
- Connects to any network Apple printer
- Uses unshielded, twisted-pair cabling
- Upward migration from simple bus to star-topology with a central hub
- High-speed using built-in LocalTalk found on every Macintosh
- Easy installation

Benefits

- Allows any Macintosh to utilize economical, twisted-pair cabling for LocalTalk communications
- Allows any Macintosh to utilize common, industry-standard, twisted-pair wiring often already found pre-installed in buildings.
- Start with small networks using bus-topology then by adding additional connectors, create managed networks using star-topology with a central hub available from third parties.
- Easy setup and administration. Installs in minutes.
- Offers 230.4 kilobits per second for network transmission and

reception.

Product Details

The AppleTalk network system found in every Macintosh computer allows you to share information, printers and other network devices and easily communicate with others.

Using the Apple LocalTalk RJ-11 Connector system provides an affordable, easy-to-build, easy-to-expand means to create AppleTalk networks over common, unshielded, twisted-pair cabling.

LocalTalk RJ-11 Cabling Specification

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- Unshielded twisted-pair cable type: silver satin or phone cable
 - Maximum network distance is 550 meters (1800 feet)
 - Maximum number of devices per network = 24
 - Termination of network required at each end (terminators supplied)
 - Compatible with third-party, twisted-pair communications including PhoneNET from Farallon.

System Requirements

Any Macintosh computer with 1MB of RAM or greater on any Apple network printer with one of the following LocalTalk RJ-11 connectors:

- Circular mini DIN-8 connector for use with all Apple CPUs and printers that require them or
- DB-9 connector for use with Macintosh CPUs and network printers that require them (see below).

Technical Specifications

Connector:

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- Circular mini DIN-8 connector for use with all Apple CPUs and printers except those listed below
 - DB-9 connector for use with Macintosh 128K, 512K, 512Ke, LaserWriter and LaserWriter Plus
 - Two RJ-11 connectors for network cable interface

Certification:

- FCC Class A tested
- No other agency approvals required

Software:

- AppleTalk (built-in with System Software); no additional software required

Environmental requirements:

- Operating temperature: 32° to 131°F (0° to 55°C)
- Humidity: 0% to 90% noncondensing

Ordering Information:

LocalTalk RJ-11 Connector Kit DIN-8: Order No. M1657Z/A

LocalTalk RJ-11 Connector Kit DB-9: Order No. M1661Z/A

With your order, you receive:

- LocalTalk RJ-11 Connector
- 2m unshielded twisted-pair
- One terminating resistor
- Configuration Guide
- One year world-wide limited warranty

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