

Section 4: Adapters

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Introduction to Adapters

Adapters provide a means for joining otherwise incompatible plugs, connectors, and cables. The AT&T Premises Distribution System includes several kinds of adapters. Some adapters are designed to link otherwise incompatible cables; each of these adapters is equipped with connectors for its specific purpose. For example, adapters intended to link a

25-pair cable to several 4-pair cables are equipped with a ribbon or 50-pin connector on one end and modular jacks on the other. Other adapters have jacks on each end or identical connectors on each end. "T" adapters, which have a plug and two jacks, enable a single information outlet to serve two devices.

Adapter, 1A-4P

Applications

The 1A-4P Adapter is used to link a connectorized undercarpet cable to a 4-pair mounting cord at the work location.

Description

The 1A-4P Adapter consists of a double-ended 8-conductor jack. It has an adhesive pad on its side to facilitate mounting. The 1A-4P can be housed in the 304 Housing (see Section 6).

Product Code	Comcode
1A-4P	403 384 712

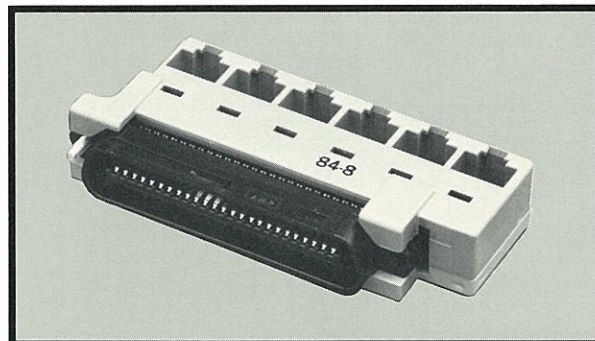
Adapter, 258

Applications

The 258 Adapter is used to distribute the pairs from a 25-pair cable to six 8-conductor modular jacks, of which all eight pins are connected.

Description

The 258 Adapter has a 50-pin male or female miniribbon connector wired to six 8-conductor modular jacks. It is available with the jacks either perpendicular to or parallel with the miniribbon connector. The 50-pin connector and modular jacks are housed in a plastic cover.



Product Code	50-Pin Connector	Connector/Jacks	Comcode
258A	Male	Perpendicular	102 605 136
258AF	Female	Perpendicular	103 796 561
258B	Male	Parallel	103 923 025
258BF	Female	Parallel	104 226 774

Adapter, 356A

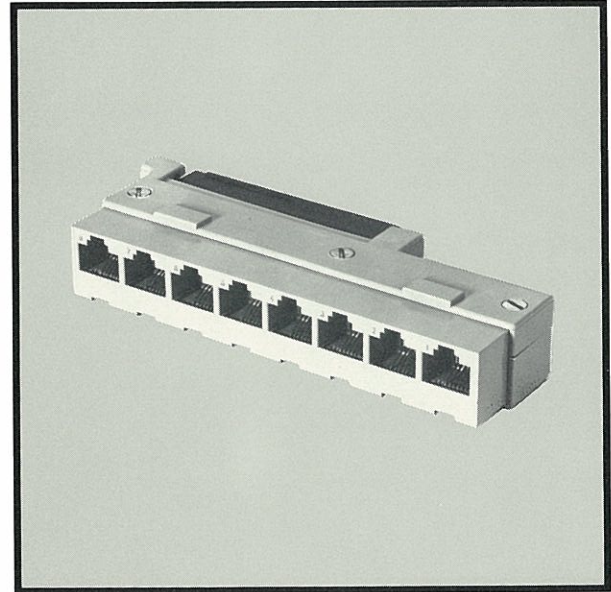
Applications

The 356A Adapter is used to join connectorized 25-pair cable to 4-pair cable equipped with modular plugs. It can be used to link clusters of balun adapters onto 110 hardware in a satellite closet, equipment room, or computer center.

The 356A cannot be used with devices that require connections to all eight pins of the modular jacks. It should not be used in the horizontal subsystem on the station side because many stations sets and some data types require use of 4-pair cable and because PDS does not support the use of zone wiring (25-pair cable in the horizontal subsystem).

Description

The 356A Adapter incorporates a 50-pin male ribbon connector and eight 8-position jacks, of which the first 6 pins are connected.



Product Code	Comcode
356A	104 158 829

Adapter, 367A Bridging

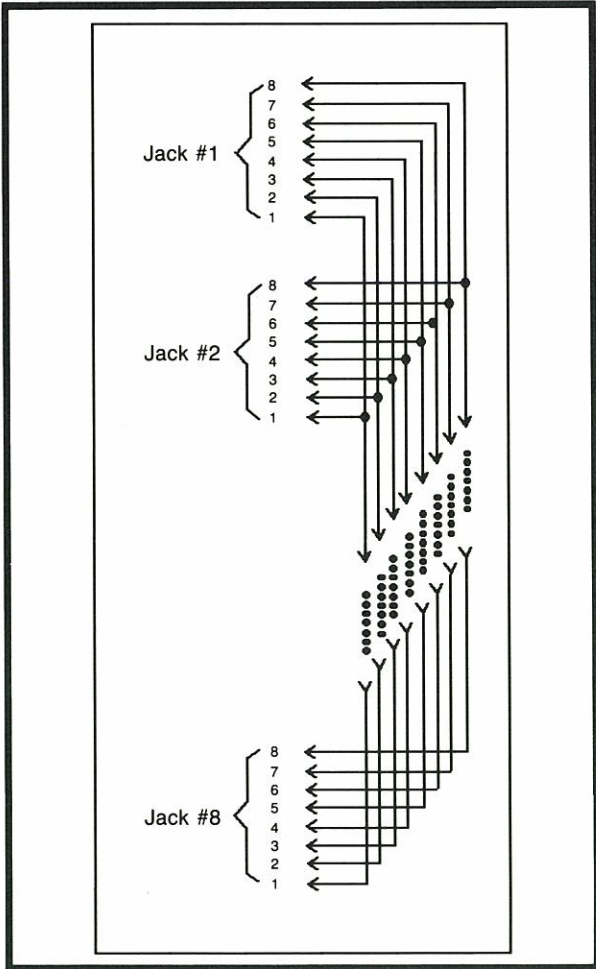
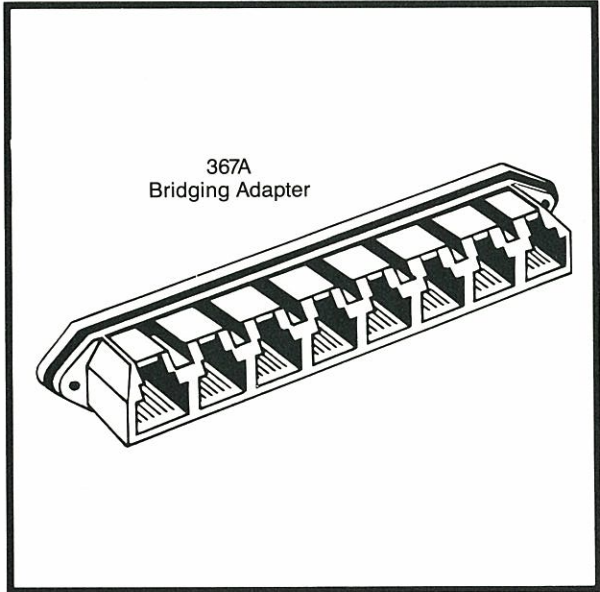
Applications

The 367A Bridging Adapter is used to connect up to seven workstations to an IBM® System 36/38 via an AT&T 365A Adapter.

Description

The 367A has eight 8-conductor jacks housed in a plastic body.

Product Code	Comcode
367A	105 275 606



Adapter, 400B

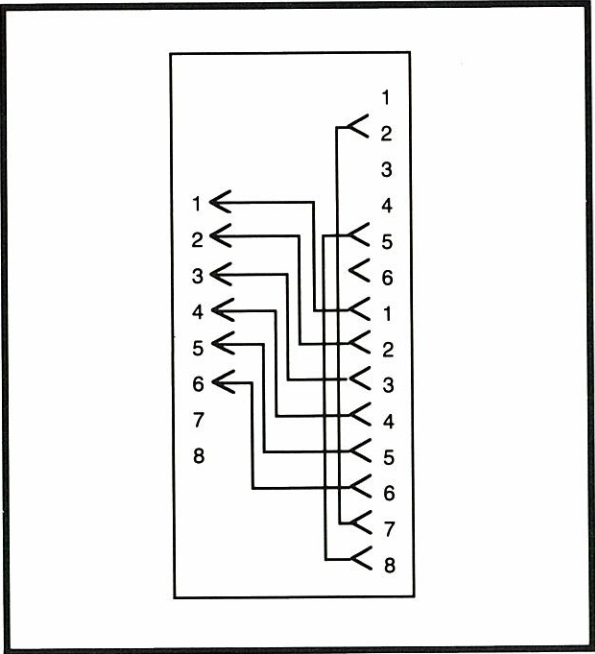
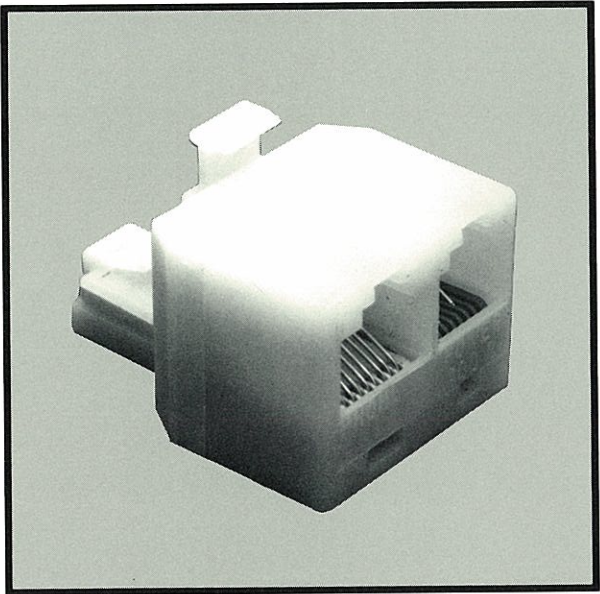
Applications

The 400B Adapter is a modular “T” adapter used to provide local power to terminals and Asynchronous Data Units.

Description

The 400B Adapter has an 8-position, 6-conductor modular plug. It also has two jacks: a 6-position, 2-conductor modular jack and an 8-position, 8-conductor modular jack. The plug and jacks are housed in a plastic body.

Product Code	Comcode
400B	103 848 859



Adapter, 400C

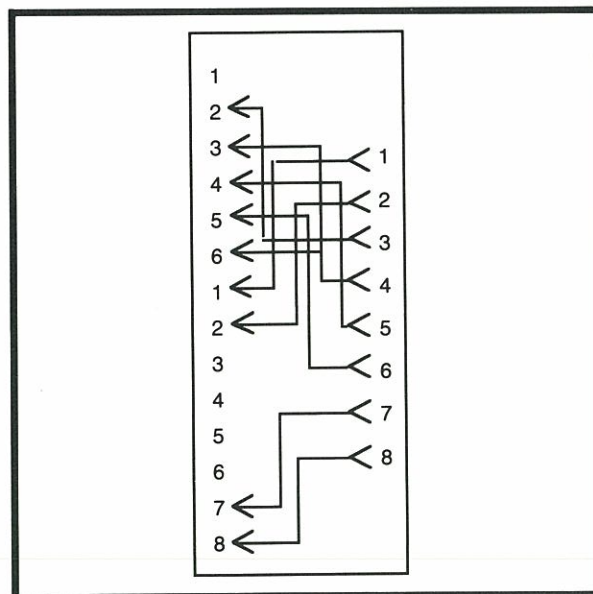
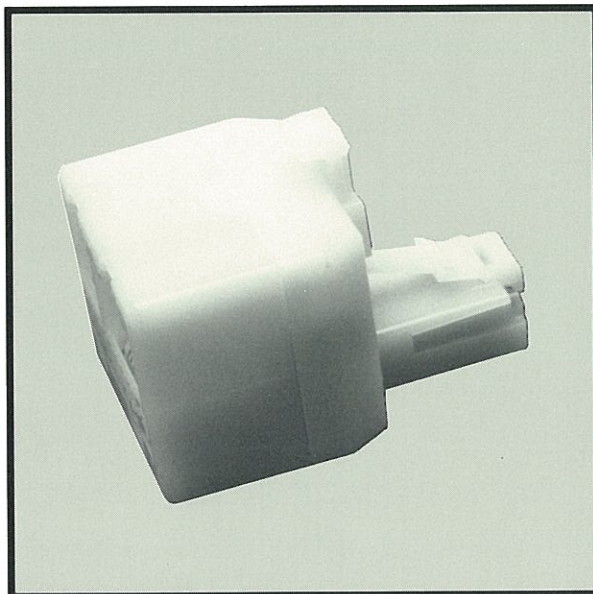
Applications

The 400C Adapter is a modular “T” adapter used to split 4-pair D inside wire from an information outlet into two 2-pair outputs. One 2-pair output can be used for a 3-pair mounting cord from a voice device; the other for a 4-pair mounting cord from a data device.

Description

The 400C Adapter has an 8-position, 8-conductor plug, and two jacks: an 8-position, 4-conductor jack, and a 6-position, 4-conductor jack. The plug and jacks are housed in a plastic body.

Product Code	Comcode
400C	103 732 830



Adapter, 400K

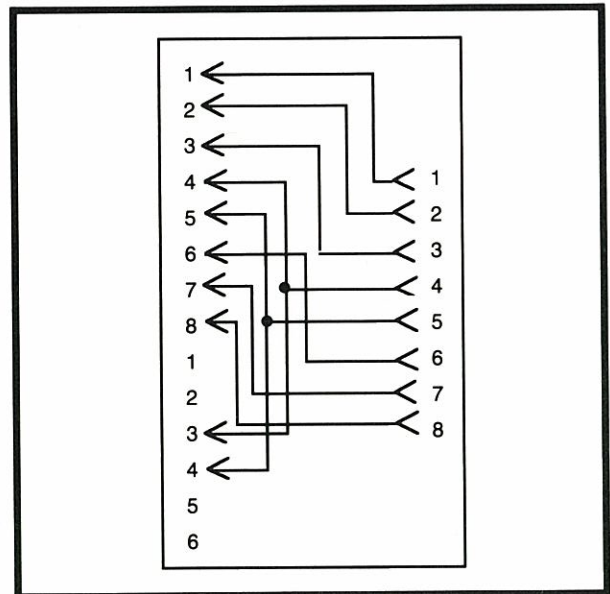
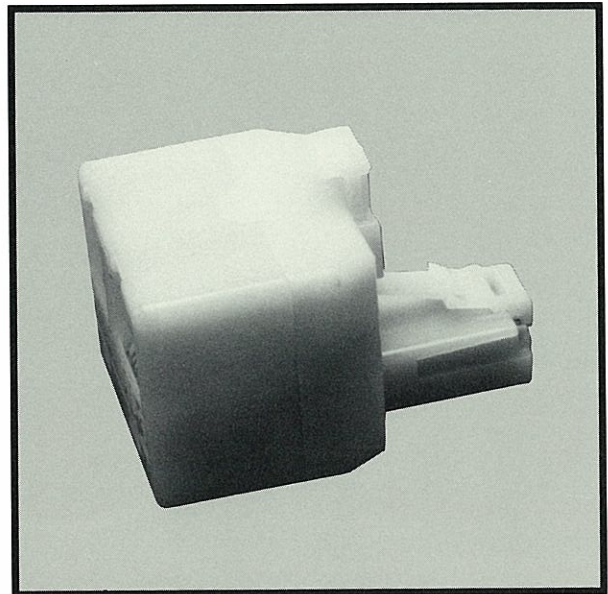
Applications

The 400K is a "T" Adapter used to split a 4-pair D inside wire into two outputs at an information outlet. It allows a 361A Adapter, 365A Adapter, or TELETYPE® SSI terminal to share an information outlet with a single-line analog telephone. (The 400K replaces the 450F Adapter.)

Description

The 400K Adapter has one plug and two jacks: one 8-position plug, one 8-position jack, and one 6-position, 2-conductor jack.

Product Code	Comcode
400K	105 307 177



Adapter, 451A

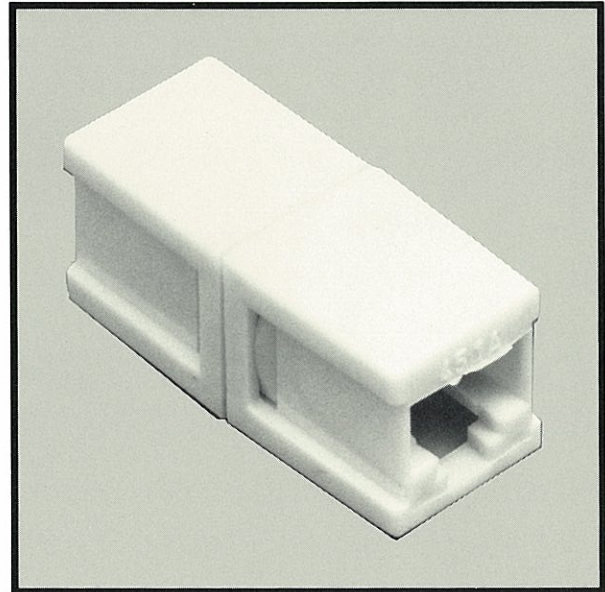
Applications

The 451A Adapter is used as an in-line splice for the D8W Mounting Cord or for plug-ended distribution cords where pin inversion is necessary to maintain polarity.

Description

The 451A is an in-line, double-ended modular jack that accepts two 8-position modular plugs.

Product Code	Color	Comcode
451A-50	Ivory	103 786 240
451A-61	Gray	103 942 272



Adapter, Double-Ended, Feed-Through

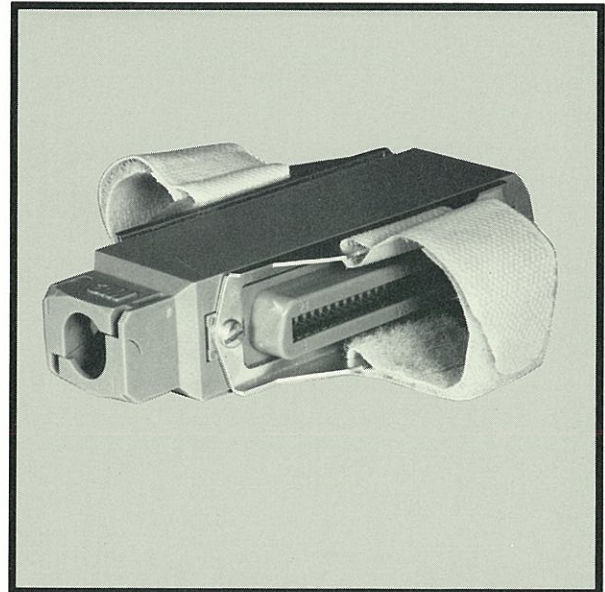
Applications

The Double-Ended, Feed-Through Adapter is used to mate incompatible connectorized 25-pair cables. It provides two male or two female connectors so that cables with connectors of the same gender can be joined.

Description

The Double-Ended, Feed-Through Adapter comes in two configurations: two male connectors or two female connectors. A plastic housing holds and protects the two connectors.

Product Code	Connectors	Comcode
25	Female/Female	403 617 798
25	Male/Male	403 617 780



Adapter, Modular 4-Pair to 66M

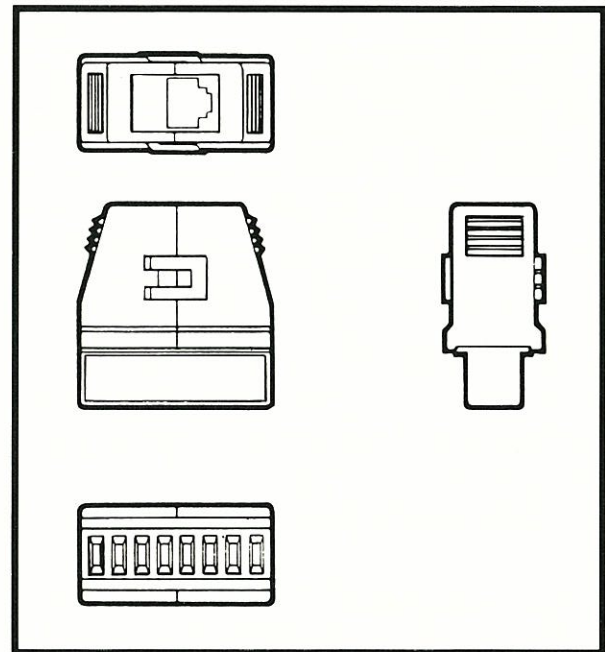
Applications

The Modular 4-Pair to 66M Adapter is used to connect a 353A or 361A Adapter to a 66 block. This product is intended for reuse situations only.

Description

This adapter has one standard RJ41 8-position modular jack for line input from a 2-, 3-, or 4-pair modular connection.

Product Code	Comcode
66M	403 608 367



Adapter, Modular Tap

Applications

The Modular Tap Adapter is used to provide access all pairs of an incoming 25-pair cable. It is designed for easy connection and disconnection and can be used for temporary or permanent installations.

Description

This adapter is available in two versions: the 00-899-25-2C has one RJ21 25-pair connector mounted on the front; this connector has direct access to consecutive pairs of the 25-pair cable tapping off the first and second positions of the twenty-five 8-position, 4-conductor modular jacks. The 00-899-50-4C has two RJ21 connectors mounted on the front; each of these connectors is factory wired to twenty-five 4-pair modular jacks to provide access in consecutive wiring sequence.

Specifications

Length: 11.16 in.

Width: 4.66 in.

Product Code	Comcode
00-899-25-2C	405 419 813
00-899-50-4C	405 491 531

