



FLC Four Position Universal Wall Mount Cabinet DS3 Adapter Kit Installation Instructions

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INTRODUCTION

These installation instructions provide the procedures for installing the DS3 Adapter Kit in the Fiber Loop Converter Four-Position Universal Wall Mount Cabinet. The DS3 Adapter Kit is required whenever a DS3 Fiber Loop Converter is installed in the Four-Position Universal Wall Mount Cabinet.

Revision History

ISSUE	DATE	REASON FOR CHANGE
Issue 1	06/92	Original
Issue 2	05/99	Update to current format style.

Trademark Information


ADC and ADC Telecommunications are registered trademarks of ADC Telecommunications, Inc.


Admonishments

Important safety admonishments are used throughout this manual to warn of possible hazards to persons or equipment. An admonishment identifies a possible hazard and then explains what may happen if the hazard is not avoided. The admonishments — in the form of Dangers, Warnings, and Cautions — must be followed at all times. These warnings are flagged by use of the triangular alert icon (seen below), and are listed in descending order of severity of injury or damage and likelihood of occurrence.





Danger: *Danger is used to indicate the presence of a hazard that **will** cause severe personal injury, death, or substantial property damage if the hazard is not avoided.*


 **Warning:** Warning is used to indicate the presence of a hazard that **can** cause severe personal injury, death, or substantial property damage if the hazard is not avoided.

 **Caution:** Caution is used to indicate the presence of a hazard that **will** or **can** cause minor personal injury or property damage if the hazard is not avoided.

General Safety Precautions

 **Warning:** To prevent electrical shock, never install Fiber Loop Converter (FLC) equipment in a wet location or during a lightning storm. When installing or modifying telephone lines, disconnect the lines at the network interface before working with uninsulated lines or terminals.

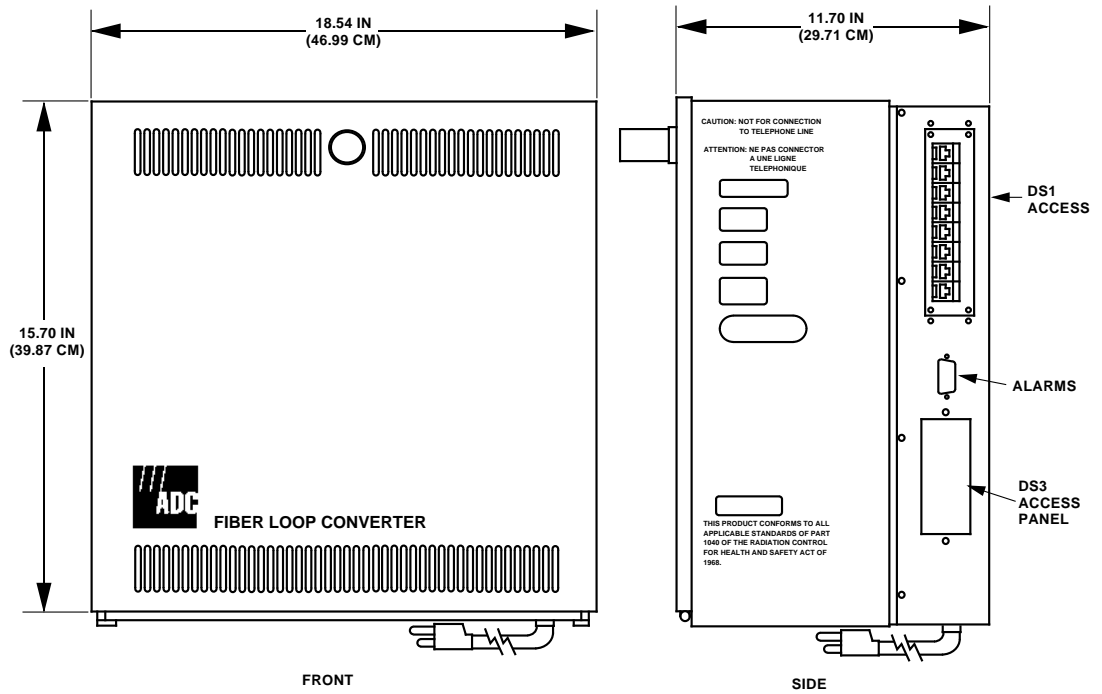
 **Caution:** Use care when making connections with power applied to the mounting chassis.

 **Caution:** Observe precautions for handling electrostatic sensitive devices such as printed circuit boards.

1 DS3 ADAPTER KIT INSTALLATION PROCEDURE

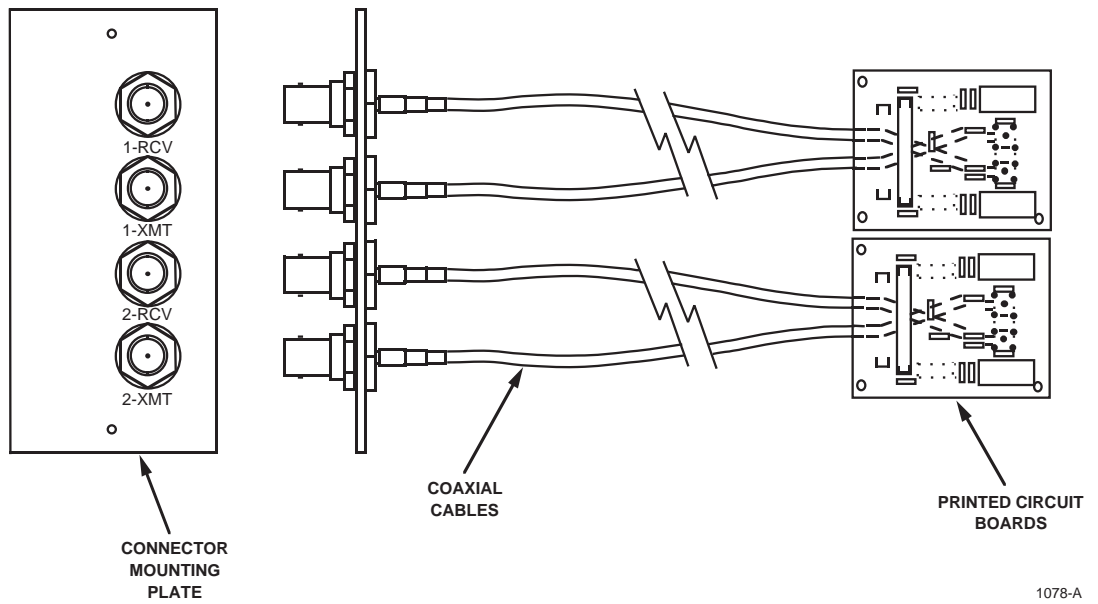
Use the following procedure to install the DS3 Adapter Kit:

- a) Open the cabinet front cover and the right side panel to provide access to the inside of the cabinet.
- b) Remove the access plate (located below DB-15 connector) from the right side of the cabinet as shown in [Figure 1](#). Save screws for reuse.
- c) If service has not been turned up, unplug the power cables from the ac outlet box in the lower right corner of the cabinet. This will provide additional work space within the cabinet for installing the adapter kit. If service has been turned up, leave the power cables in place.
- d) The DS3 adapter kit, shown in [Figure 2](#), is a wired assembly that consists of a connector mounting plate, four coaxial cables, and two printed circuit boards. Dress out and organize the coaxial cables so the adapter kit is ready for mounting.
- e) Working from the inside of the cabinet, install the connector mounting plate over the rectangular access hole using the screws removed in step b).
- f) Install the two printed circuit boards on the back plane at the points shown in [Figure 3](#). Note that each pair of standoffs on the back plane fit into a corresponding pair of holes in each printed circuit board.
- g) Align the connector pins with the corresponding connector pin sockets and then push each printed circuit board firmly into place until connector is fully seated and standoff locking tabs are latched.
- h) Dress and organize coaxial cables as shown in [Figure 4](#).
- i) If the power cables were unplugged from the AC outlet box, plug each power cable back into outlet.
- j) Close the right side panel and the cabinet front cover.



1077-B

Figure 1. FLC Universal Wall Mount Cabinet



1078-A

Figure 2. DS3 Adapter Kit

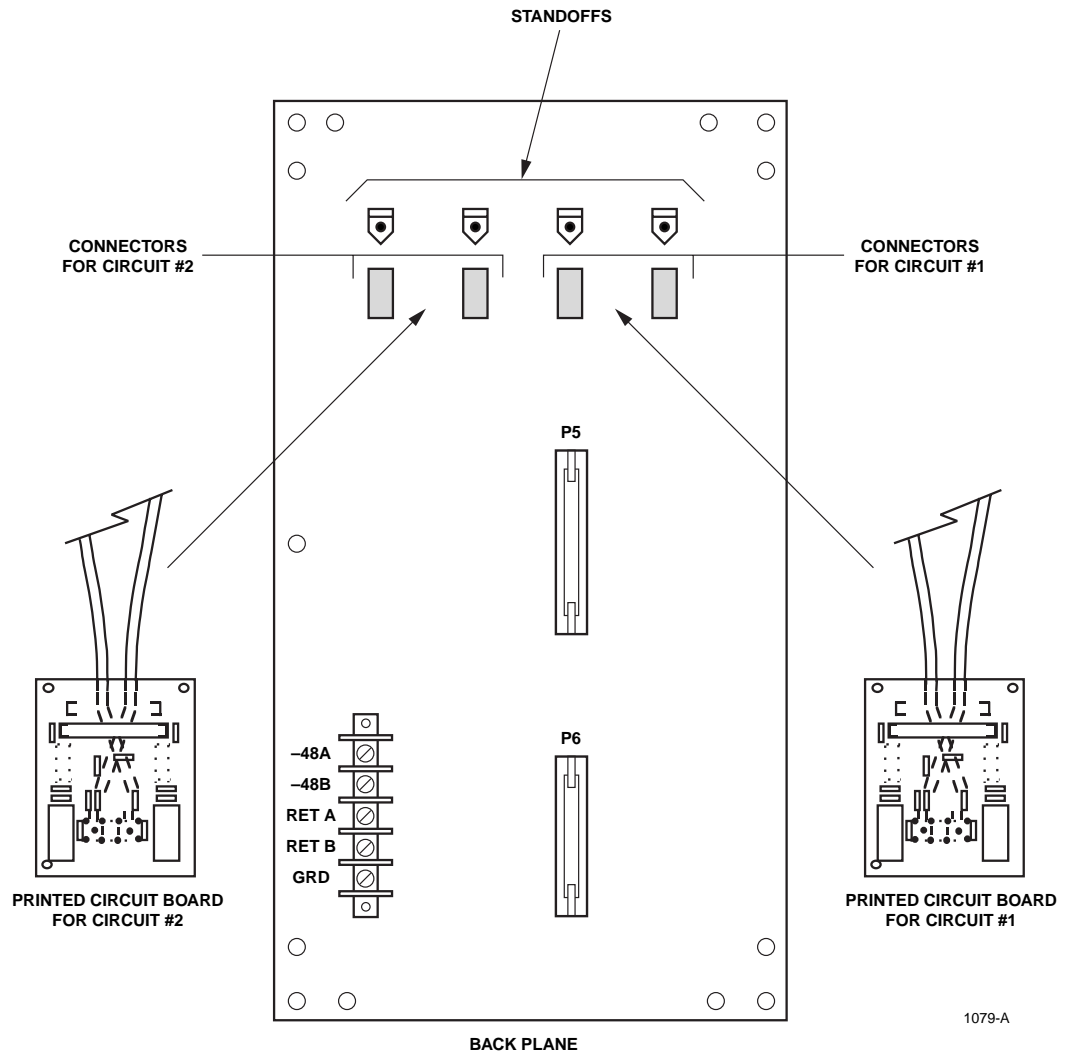


Figure 3. Back Plane

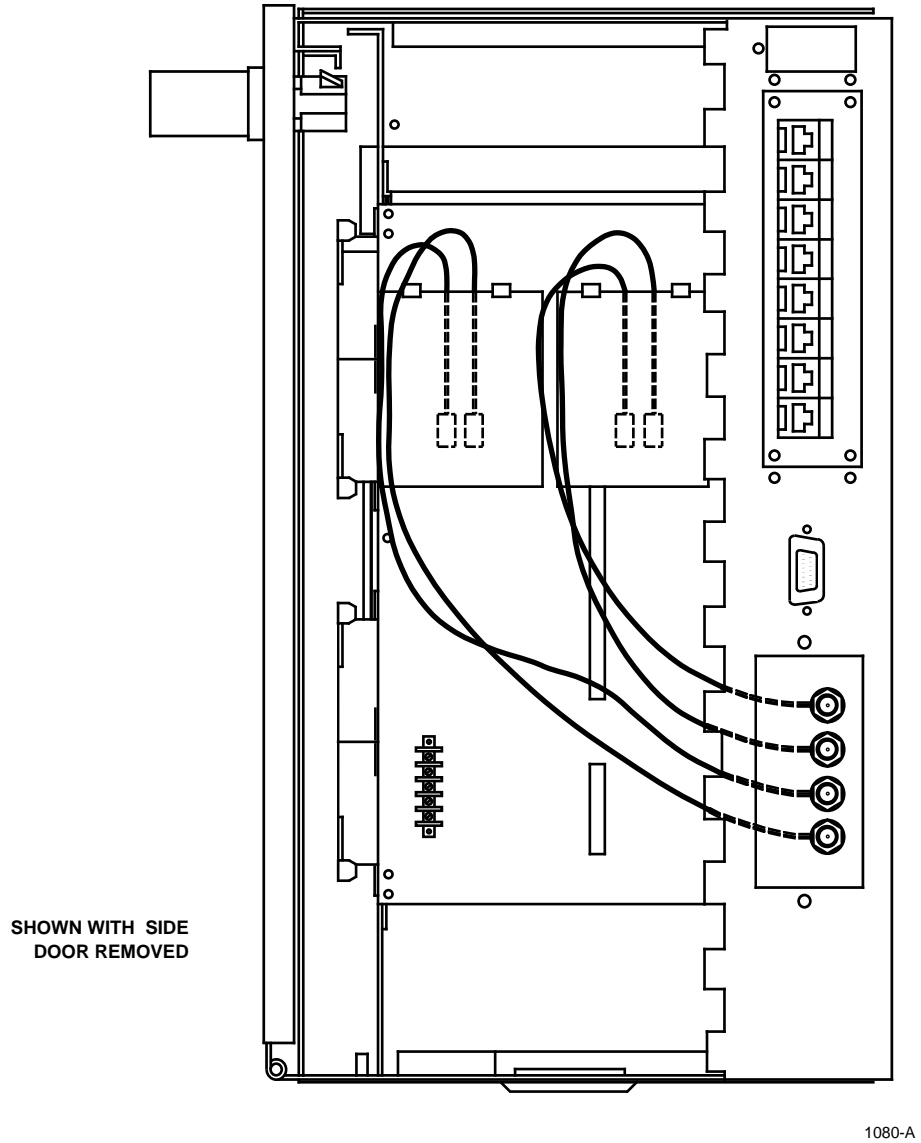


Figure 4. Cable Routing

2 CUSTOMER INFORMATION AND ASSISTANCE

For customers wanting information on ADC products or help in using them, ADC offers the services listed below. To obtain any of these services by telephone, first dial the central ADC telephone number, then dial the extension provided below.

The central number for calls originating in the U.S.A. or Canada is **1-800-366-3891**. For calls originating outside the U.S.A. or Canada, dial country code "1" then dial **612-946-3000**.

Sales Assistance Extension 3000	<ul style="list-style-type: none"> • Quotation Proposals • Ordering and Delivery • General Product Information
Systems Integration Extension 3000	<ul style="list-style-type: none"> • Complete Solutions (from Concept to Installation) • Network Design and Integration Testing • System Turn-Up and Testing • Network Monitoring (Upstream or Downstream) • Power Monitoring and Remote Surveillance • Service/Maintenance Agreements • Systems Operation
BBG Technical Assistance Center Extension 3223 E-Mail: technical@adc.com	<ul style="list-style-type: none"> • Technical Information • System/Network Configuration • Product Specification and Application • Training (Product-Specific) • Installation and Operation Assistance • Troubleshooting and Repair/Field Assistance
Product Return Department Extension 3748 E-Mail: repair&return@adc.com	<ul style="list-style-type: none"> • ADC Return Authorization number and instructions must be obtained before returning products.

Product information may also be obtained using the ADC web site at **www.adc.com** or by writing ADC Telecommunications, Inc., P.O. Box 1101, Minneapolis, MN 55440-1101, U.S.A.

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