

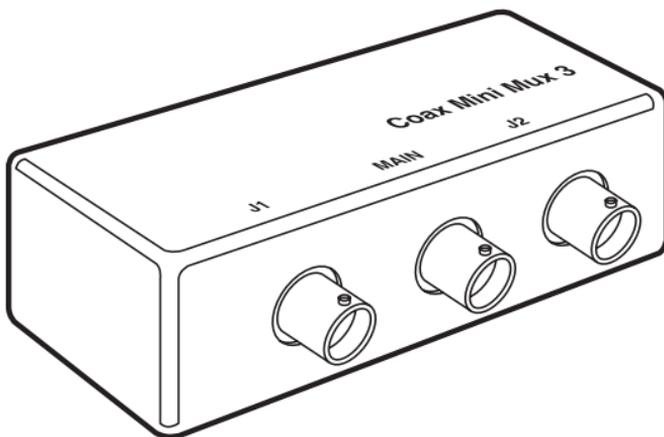


© Copyright 2000. Black Box Corporation. All rights reserved.

1000 Park Drive • Lawrence, PA 15055-1018 • 724-746-5500 • Fax 724-746-0746



Coax Mini Mux 3



CUSTOMER SUPPORT INFORMATION

Order **toll-free** in the U.S.: Call **877-877-BBOX** (outside U.S. call **724-746-5500**)

FREE technical support 24 hours a day, 7 days a week: Call **724-746-5500** or fax **724-746-0746**

Mailing address: **Black Box Corporation**, 1000 Park Drive, Lawrence, PA 15055-1018

Web site: www.blackbox.com • E-mail: info@blackbox.com

Specifications

Coax Type — RG62 A/U (93 ohms)

Compatible with IBM Control Units — 3271, 3274, 3275, and 4701

Compatible with IBM Terminals — 3270 series

User Channels — 2

Speed — Subchannel: 2.3587 Mbps; Composite: 2.3587 Mbps

Data Format — Transparent

Maximum Distance — 4200 ft. (1280.2 m) total length of all cables used

Interface — Subchannel: Coax (RG62 only), 3270 Type A; Composite: Coax (RG62 only), 3270 Type A

Connectors — Subchannel: (2) BNC female; Composite: (1) BNC female

Power — None required

Size — 1"H x 2.1"W x 3.9"D (2.5 x 5.3 x 9.9 cm)

Weight — 0.4 lb. (0.2 kg)

Introduction

The Coax Mini Mux 3 is a multiplexor that will allow two IBM® terminals, printers, or compatibles to simultaneously share a single coax communication line to an IBM 3174, 3274, or compatible controller. The Coax Mini Mux 3s are used in pairs (one at each end of the communication line).

Installation

Refer to Figure 1 and proceed as follows to install the Coax Mini Mux 3:

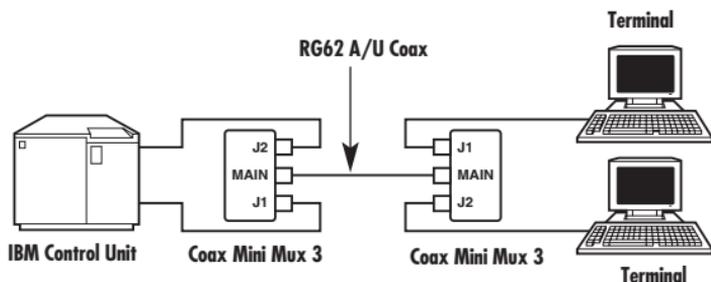


Figure 1. Coax Mini Mux 3 Installation Diagram

1. Remove power from the devices that are to be connected to the Coax Mini Mux 3.

2. Connect the Main port on the local Coax Mini Mux 3 to the Main port on the remote Coax Mini Mux 3.
3. At the remote site, connect the IBM device to port J1 of the Coax Mini Mux 3. At the local site, connect the port of the IBM controller to port J1 of the Coax Mini Mux 3.
4. At the remote site, connect the IBM device to port J2 of the Coax Mini Mux 3. At the local site, connect the port of the IBM controller to port J2 of the Coax Mini Mux 3.

NOTE

In steps 3 and 4, the device and IBM Controller port connected to ports J1 will communicate with each other. The device and IBM Controller port connected to ports J2 will communicate with each other. Make sure each device is connected to the proper corresponding controller port.

5. Apply power to the devices connected to the Coax Mini Mux 3s.

The Coax Mini Mux 3s are now ready for operation.

Application Notes

1. The distance between the Coax Mini Mux 3 and the

controller must be under 100 feet (30.5 m). The distance between the Coax Mini Mux 3 and the terminals must be under 100 feet.

2. Use only RG62 coax cable and type A equipment.
3. The two controller ports used must be of the same port cluster (0 through 7, 8 through 15, 16 through 23, or 24 through 31).
4. Do not use ports from two separate controllers.
5. The Coax Mini Mux 3 is specifically designed for IBM equipment. Operation with clone-type devices such as Memorex, Telex, 3270 emulation cards for PCs, 3299s, and some Harris devices is possible in most applications.
6. IBM compatible terminals can produce noise on the line.
7. Do not mix terminal types. Keep IBM with IBM, Telex with Telex, etc.
8. The Coax Mini Mux 3 will not work with 3276 controllers.