



© Copyright 1998. Black Box Corporation. All rights reserved.

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

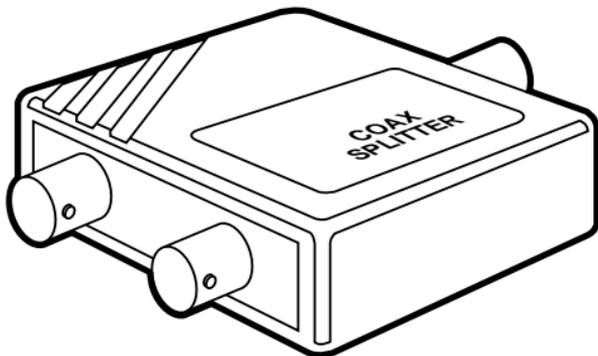


JANUARY 1998

IC088A

IC089A

Coax Splitters



CUSTOMER SUPPORT INFORMATION

Order **toll-free** in the U.S. 24 hours, 7 A.M. Monday to midnight Friday: **877-877-BBOX**

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

Mail order: **Black Box Corporation**, 1000 Park Drive, Lawrence, PA 15055-1018

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

TRADEMARKS USED IN THIS MANUAL

IBM is a registered trademark of IBM Corporation.

All applied-for and registered trademarks are the property of their respective owners.

1. Specifications

Protocol —	IBM® 3270, 2.358 Mbps
Range —	4000 feet (1219 m), terminals to control unit
IBM Control Units Supported —	IBM 3274, all types
Terminal Multiplexors Supported —	IBM 3299, Lannet LM-299
IBM Terminals Supported —	IBM 3270 Category A displays and printers
Interfaces —	IC088A: (2) BNC male connectors (subchannels), (1) BNC female connector (main channel); IC089A: (3) BNC female connectors
Enclosure —	Plastic
Operating Temperature —	32 to 104°F (0 to 40°C)

Relative Humidity**Tolerance —**10 to 95%,
noncondensing**Power —**Operates without
AC power**Size —**0.9"H x 2"W x 2.75"D
(2.3 x 5.1 x 7 cm)**Weight —**

3.2 oz. (907 g)

2. Introduction

2.1 Description

The Coax Splitter is a 2-port coax multiplexor that enables two IBM 3270 terminals to connect to one IBM 3274 with a single coax cable. The two terminals operate simultaneously without any reduction in performance or increase in response time.

The Splitter is compact and lightweight, and it operates without AC power. Installation is easy, and the Splitter operates for years without attention or maintenance.

The Coax Splitter operates with all types of IBM 3274 control units and with the IBM 3299 terminal multiplexor. The two multiplexed ports must come off a single control unit (that is, the Splitter cannot multiplex data from two control units).

The Splitter is available in two models, which are compatible with each other. The IC088A has a female BNC connector for the main channel. The two subchannels have male BNC connectors for direct mounting onto two adjacent coax ports of one IBM 3274 control unit. The IC089A has three female BNC connectors.

2.2 Features

- Enables two IBM 3270 terminals to share a single coax cable.
- Supports existing host software and 3274 customization.
- Direct connection to the IBM 3274 Control Unit ports.
- Range up to 4000 feet (1219 m).
- No AC power required.
- Easy installation.

3. Installation

The Coax Splitter operates in pairs. One Coax Splitter is connected directly to two ports of one IBM 3274 Control Unit (or of one IBM 3299 Terminal Multiplexor). At the remote end, the other Coax Splitter is connected to the two terminals (displays or printers). Note that all models are interchangeable.

A single coax cable connects between the two main ports of the Coax Splitters, up to 4000 feet (1219 m) apart.