Specifications

Environment	Custom audio-video systems in a structured cabling environment.
Application	Head-end installations, audio-video rooms, telecom rooms.
Capacity	Sixteen (16) positions.
Compatible baluns	MuxLab baluns measuring: 2.4" x 2.25" x 1" (6.1 x 5.7 x 2.5 cm).
Orientation	Baluns may be installed front or rear facing.
Snap-in mechanism	Baluns lock into position via spring latch mechanism.
Rack height	2U (3.5").
Enclosure	Black painted steel.
Mounting holes	Four (4) rackmounting holes
Mounting hardware	Four (4) rackmounting 10-32 screws and washers are included.
Slot Id	Silkscreen on front and rear. Slots numbered "1" to "16".
Dimensions	19" (W) x 3.5" (H) x 3.0" (D) (48 cm x 8.9 cm x 7.6 cm).
Weight	1.9 lbs (.86 kg).
Standards	EIA/TIA.
Warranty	Lifetime.
Order Information	500900 Rackmount Balun Chassis 16

**Rackmount Balun Chassis 16 (500900)
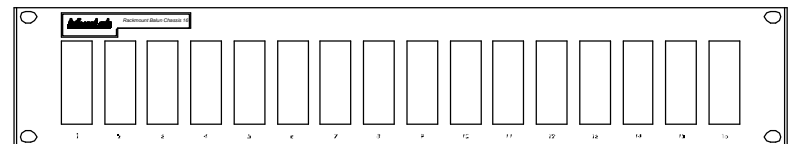Installation Guide**

Introduction

The Rackmount Balun Chassis 16 is designed as a head-end cable management solution, allowing any combination of up to sixteen (16) MuxLab square baluns to be installed in a standard 19" telecom relay rack. Head-end AV equipment such as DVD players, video servers and cable boxes may be installed in a local wiring closet and connected to the Cat5 structured cabling system via a wide array of MuxLab balun solutions.

The baluns may be installed in either front or rear- facing orientation depending on the application. At the display end, the appropriate MuxLab baluns are installed at the receivers to support a fully Cat5 cabling solution. Each balun snaps into place and is held firmly by a spring latching mechanism. The product features a rugged one-piece design for ease of installation and maintenance.
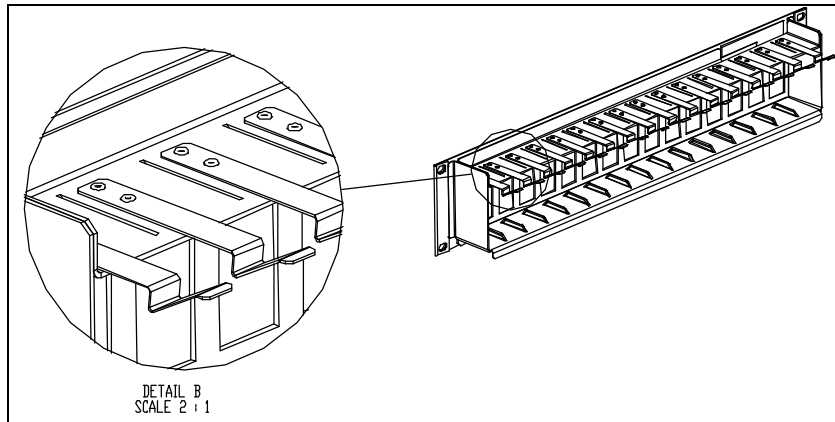
Installation

In order to install the Rackmount Balun Chassis 16 (500900), perform the following steps:
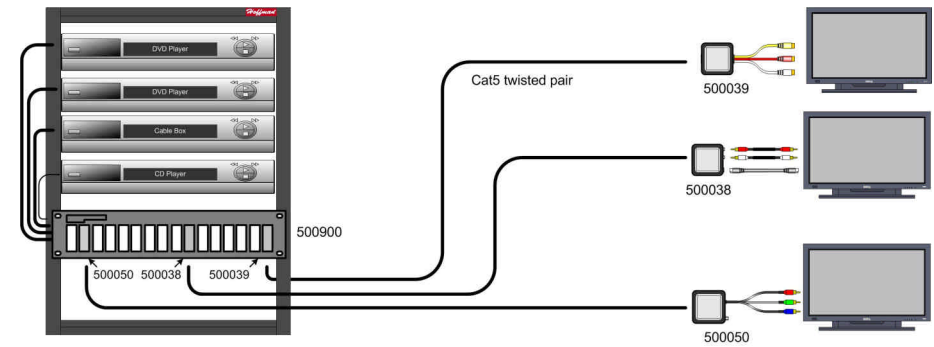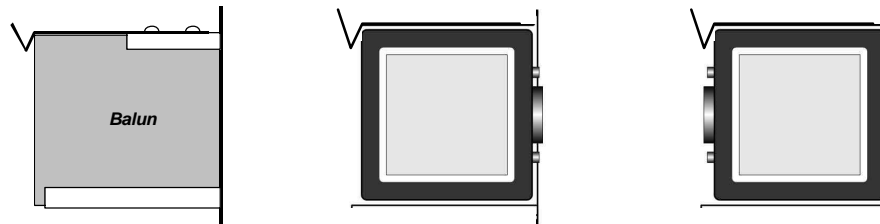
1. Identify the final location of the Rackmount Balun Chassis.

2. Install the Rackmount Balun Chassis in the 19" relay rack using the 10-32 rack screws and nylon washers included with the product.

MuxLab

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3. Install each balun in its appropriate slot. In order to install each balun, push the balun into the desired slot from the rear of the Balun Chassis. The slots are numbered "1" to "16". Each balun snaps into place and is retained by a spring-steel retaining clip.

DETAIL B
SCALE 2 : 1

Cat5 twisted pair

500039

500038

500050

500900

500050 500038   500039

4. The baluns may be installed either front or rear facing. In order to remove each balun, lift the spring retaining clip at the rear of the chassis and pull out the balun in a horizontal direction.

Balun

5. The following diagram shows a typical application.