Distribution ZHC

Z-BAND

The Distribution ZHC is the 5th generation of Z-Band's RF Video distribution system. It allows you to distribute CATV and MATV signals using category cable and distribute television in your facility without pulling coax or impacting your network.

New Features include:

- 1U device that is equipped with 8, 16, and 24 outputs, allowing for more efficient designs of the Z-Band system, reducing the overall cost

- Offers more control than any other RF system

- Allows for viewing of each Z-Distribution unit and connected television

- Ability to check signal levels of any Z-Distribution device and connected balun

- Offers diagnostic software

- Option for built in switching that allows for full integration with current infrastructure

Single-Mode Fiber Receiver*

Each Z-Distribution ZHC unit has an option to include a fiber receiver that saves rack space, limits cabling and power connections, and takes all signal attenuation or amplification into the Z-Band system.

- Fiber receiver accepts a single mode fiber feed using an SC/APC connector

- Transmits the CATV to each port on the Z-Distribution ZHC

- Easier to pull, takes up less space than traditional coax, and creates a more resilient system compared to coax

Distribution ZHC

Overview

Distribute CATV and MATV without pulling coax

8, 16, & 24 output options reduce overall cost

Compatible with Pro:Idiom encryption

Compatible with Samsung Lync and LG Pro: Centric TV Control

Embedded switch option for VOD integration

Fiber

Saves rack space

Easier to pull

Single mode fiber feeds using SC/APC connector

More resilient than coax

Switch

Communicates with Smart TVs, VOD systems and IP enabled set top boxes

Saves money, time, and space

The Diagnostic Software

Remote diagnostics of your RF system

Information on each unit

Most user-friendly CATV system on the market

Z-Band Technologies
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Distribution ZHC

Integrated Switch*

Each Z-TV Distribution unit can be outfitted with a Layer 2 switch.

The Layer 2 switch:

- Communicates with Smart TVs, VOD systems, and IP enabled set top boxes
- Enclosed within the Z-Distribution ZHC
- Accessed by using the 2nd NIC port on the back of the Z-Distribution ZHC
- The internal switch saves money, time, and space

Diagnostic Software*

Using the primary NIC port, access is available to each Z-Distribution ZHC for the purpose of gathering diagnostic information.

- Gathers incoming video connection type, signal strength, the number of baluns connected to each ZHC, and the operating information of the ZHC
- Takes this diagnostic information into a software platform and allows for remote diagnostics of your RF system
- Allows technicians to take signal measurements at each Distribution ZHC unit, port, and balun
- Acts as an enterprise-level software that allows for status monitoring and notifications of changes within your system

This diagnostic software makes Z-Band the most user-friendly CATV distribution system on the market.

About Z-Band

Z-Band was one of the earliest technologies to achieve convergence, voice data, and video traveling across one cable, on one infrastructure.

Since its inception in 1999, **Z-Band has seen tremendous technological change** as well as tremendous growth.

Today, Z-Band supports a full spectrum of RF (Z-TV) and IP (Z-IP) video distribution products and possesses a staff that designs, commissions, and supports hundreds of projects in the United States each year.

*Optional features of the