

Z-Distribution ZHC

The **Z-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 throughout your facility without pulling coax or impacting your network. Now, even more customizable to fit your specific needs and infrastructure.

Z-Distribution ZHC Standard

Designed to distribute channels 2-135 (54 to 860MHz) in their native RF format, the unit automatically balances itself with no external amplification or manipulation.



- 8-, 16-, or 24-port RJ45 output connections along the front panel
- Coaxial, downstream fiber, and bi-directional fiber configurations available

Z-Distribution ZHC Passthrough

Standard model functionality, but with an additional top-row for ethernet passthrough.



- 8-, 16-, 24-port RJ45 output connections along the bottom row
- Top-row ports allow for 10/100 ethernet data passthrough

Z-Distribution ZHC

Standard

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

Passthrough

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

Saves money, time, and space

Switch

Internal switch converts 1Gbps ethernet connection to multiple 10/100 connections

No need for additional switch hardware, saving money and rack space

Return Path

Supports both coax and SC-APC fiber inputs

Output can be either BNC-type or SC-APC

Multiple return path signals can be combined and fed back to the provider feed

Z-Distribution ZHC

Z-Distribution ZHC Switch

Standard model functionality, but with an internal ethernet switch.



- 8-, 16-, or 24-port RJ45 output connections along the front panel
- Available backpanels accommodate 8-, 16-, or 24-port switch configurations

Available Backpanels

Universal



No Add-Ons



Main Backpanel

Standard & Passthrough



Coaxial Return Path



Fiber Return Path



Bi-Directional Fiber

Switch



8-Port Switch



16-Port Switch



24-Port Switch



Coax Return w/ 8-Port Switch



Coax Return w/ 16-Port Switch



Coax Return w/ 24-Port Switch



Downstream Fiber w/ 8-Port Switch



Downstream Fiber w/ 16-Port Switch



Downstream Fiber w/ 24-Port Switch



Bi-Directional Fiber w/ 8-Port Switch



Bi-Directional Fiber w/ 16-Port Switch



Bi-Directional Fiber w/ 24-Port Switch

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.