

Z-Distribution ZHC

Return Path Addendum

This addendum is applied to any **Z-Distribution ZHC** which utilizes the optional **return path functionality**. All of the normal specifications listed on the main spec sheet for the respective **Z-Distribution ZHC** model still apply.

- The return path or reverse path communication is supported for both coaxial input and single-mode SC-APC fiber input types of ZHCs.
- The return path RF signals share the same category cable infrastructure and they pass through twisted pairs 4 & 5 of the category cable.
- The return path signals passing through the Diplexer-equipped baluns via RJ45 front panel ports are combined internally within the ZHC.
- The return path output of the ZHC can either be a BNC-type connector or an SC-APC fiber.
- The return path RF signal frequencies supported by the Z-Distribution ZHC system are 5 MHz to 42 MHz (using UNV/X balun at the endpoint) and 5 MHz to 38 MHz (using UNV/XS balun at the endpoint).
- The return path signals from multiple Z-Distribution ZHCs can be combined and then fed back into the CATV provider feed or system demarcation point.
- We recommend contacting your Z-Band market manager or territory rep for ordering information and installation details to make use of return path functionality as intended.

