# KanexPro™

PERFORMANCE
RELIABILITY
AND
VALUE

# High-resolution HDMI cables with built-in signal booster

High Speed HDMI cables with Ethernet plus signal equalization



The KanexPro High Speed HDMI cables with Ethernet are designed with built-in booster for applications that require high-performance transmission of HDMI/DVI digital video and multi-channel audio signals. These cables have active amplification built-in to prevent impedance mismatch, caused by the cable attenuation, dielectric losses and compensation for skin effect over long distances. For flawless transmission, the output of the cable is placed at the end of the display to amplify full signal transmission with zero signal loss. The built-in booster does not require an external power, since it is using the 5-volt from pin 18 on the HDMI cable extracting the power from the display. These cables are fully CL3 certified which surpasses any in-wall code requirement for residential or commercial installations.

## Features

- High Speed HDMI cables with Ethernet
- Built-in booster for active signal amplification
- 8–levels of selectable equalization
- 3D and 4Kx2K support (4-times the resolution of 1080p)
- Compatible with prior versions of HDMI and DVI
- Data rates up to 10.2 Gbps
- Support color depths to 48 bits
- Up to 100 Mbps of bi-directional (full-duplex) bandwidth is accessible over the HDMI Ethernet Channel
- HDCP compliant
- No external power required
- **Available in lengths of 25 feet, 50 feet, 75 feet and 100 feet**

## Specifications

**Standards:** High speed HDMI cable with Ethernet
**System Management Bus (SMBus):** provides control of boost, output amplitude, enable, and clock channel signal detect threshold
**Data rates:** Up to 10.2 Gbps
**Color Depth Support:** 30 bit, 36 bit and 48 bits (16 bits per color)

**Vertical Frequency:** Supports 60Hz & 120Hz DC-Coupled inputs and outputs
**Regulatory Compliance:** RoHs compliant and CL3 rated
**Temperature:** -40°C to +85°C operating range
Triple-layer shielding for EMI/RFI rejection
24 AWG copper wire construction

**MPNs:** HD25FTCL314 - 25ft.
HD50FTCL314 - 50ft.
HD75FTCL314 - 75ft.
HD100FTCL314 - 100ft.

## About KanexPro

KanexPro carries a broad selection of A/V connectivity products by leveraging the core strength in professional systems enabling you to broadcast, convert, extend, split, or multiply HD signal transmissions; simply and cost-effectively.

**KanexPro**
1405 Pioneer St.
Brea CA 92821

562-501-9380

info@kanexpro.com
**www.kanexpro.com**