



...competitive technologies
with compelling value

CT-HDVD-FIBEXT

HDMI Over Single-Mode Fiber

Up to 12.4 Miles (20,000 Meters)

Features:

- Transmits HDMI up to 20,000 Meters (20 KM) over single core, single-mode fiber, 1310nm
- Supports resolutions up to 1080p
- SC Fiber Connections
- Immune to electromagnetic interference (EMI)
- Supports LCPM7.1, Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio
- Supports deep color
- Support Infrared control
- Supports Lip sync, CEC pass-through, HDCP pass-through
- DIP switches for EDID, deep color and Calibration
- Reverse IR extension from Receiver back to transmission source



Description:

The Cabletronix CT-HDVD-FIBEXT HDMI over fiber extender provides a complete solution for HDMI extension over single core, SC type single-mode fiber optic cable. It supports 3DTV and all HDMI 1.3 features, including full HD 1080p, deep color, Lip sync and CEC. The CT-HDMI-FIBEXT also supports all high resolution multichannel audio formats, including Dolby Digital Plus, LCPM7.1, DTS-HD Master Audio and Dolby TrueHD. The unit is capable of transmitting HDMI signals up to 20,000 Meters (20 Kilometers). The added capability of reverse IR control transmission from the receive site back to the source allows the user to control the HDMI source (satellite receiver, DVD player etc.) from the remote viewing location. The units are housed in attractive, low profile housings and ship with the power supplies, IR emitter cable and IR target cables.

HDMI Parameters

DDC Signal Voltage	5Vp-p (TTL)
TMDS Bandwidth	10.2Gbps
Input Resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
Output Resolution	480p@60Hz, 576p@50Hz, 720p@50/60Hz, 1080p@50/60Hz

General

Infrared Capability	Supports 38kHz
TX Power Consumption	5W
RX Power Consumption	5W
Dimensions	5 1/8"W x 3 3/8"D x 1"H

Fiber Parameters

Center Wavelength	1310nm
Fiber Connector	SC
Fiber Type	Single-Mode
Linked Circuit Loss	<14dB
Output Power	>-11dBm
Receive Sensitivity	<-32dBm

Contents Include:

- 1 HDMI to Fiber Transmitter
- 1 Fiber to HDMI Receiver
- 2 Power Supplies
- 1 IR Target Cable
- 1 IR Emitter Cable
- 1 Instruction Manual

Ordering Information:

CT-HDVD-FIBEXT HDMI over fiber optic cable transmitter/receiver kit