DTECH Fiber Optic HDMI Cable

– User Manual

Ideal solution when copper HDMI cable can not transfer 4K@60Hz for long distance

Welcome!

Congratulations on your purchase of DTECH Fiber Optic HDMI Cable. This manual contains information that will assist you in installing and operating the product.

1. Product Overview

1.1 Safety Precautions
● All safety instructions should be read and understood before the unit is operated.
● The owner's manual and safety instructions should be retained for future reference.
● Unplug this unit from the AV devices before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth only.
● Keep away from wet, magnetic, and flammable surfaces or substances.
● Do not place any heavy objects or equipment on top of the unit.

1.2 Product Description
Home・Classroom・Commercial
● DTECH Technology - Long Distance HDMI
● DTECH Fiber Optic HDMI cables are an easy-to-use, secure connection for home video distribution, conference room presentation systems, classroom projection systems, digital signage and wherever a high definition video display is located.
● Fiber optics provides the speed and bandwidth needed for the best picture quality for high definition video at lengths up to 300 feet; supporting the long distances required in commercial video solutions.
● No extenders, baluns or amplifiers are needed and DTECH fiber optic cables are EMI free allowing them to be installed with multiple cable pulls, providing the flexibility for remote component locations.
● Supporting 18Gbps and 4K@60Hz performance up to 300 feet, DTECH cables meets with

plenum rated standard (UL CMP).
- Designed to solve the installer's common problems with long distance HDMI and concealed installations in home and business.

Specifications	
Distance	up to 300 feet
Data rate	18 Gbps
Resolutions	up to 4K@60Hz/fps (YUV 4:4:4)
Supported features	HDCP 2.2, EDID, CEC
	3D, HDR Deep Color
Audio	32 uncompressed Audio Channels; 1536 kHz Sample Rates
Cable jacket	plenum rated standard (UL CMP)
Jacket diameter	4.0 mm
The limit bending radius	15mm
Cable pull strength	60 pounds
Cable sustained tension	30 pounds
Operating Temperature	32°— 122° F (0°—50° C)

1.3 Installation

Important : Please use the installation procedure below. Improper or no operation may result if the start up sequence is not correctly followed.

1. Carefully unpack the contents of the shipping group
2. Turn off the entire system before connecting
3. Plug directly the Tx (Source) connector of DTECH cable in the HDMI output port of your video source (DVD, Blu-ray, game console box, etc). Make sure cable is firmly inserted.
4. Plug the Rx (Display) connector of DTECH cable to the HDMI input port of display (HDTV, LCD screen, Projector, etc). Make sure cable is firmly inserted.
5. Turn power on the source and the display

Note: Do not connect any intermediate cable or adapter between them as this may cause deterioration in signal transmission performance.

2. Troubleshooting

2.1 The display shows only black screen.
- Ensure that the HDMI ports are firmly plugged in to the source and display.
- Ensure that the Video source (Tx) is connected to the video source and Display (Rx) is connected to the
display.
- Check if the source and display are powered on and properly booted.
- Re-boot up the system while connecting the optical HDMI extension module.

2.2 Screen is distorted or displays noises.
- Check if the graphic resolution is properly set for the sources. For PCs, go to the display properties of
Windows and tap the settings. For other AV video source, refer to the owner's manual to adjust video
resolution.
- Reboot the system. Disconnect the optical HDMI cables if necessary.