

DTECH

**8K HDMI2.1
optical fiber cable**

Product manual

8K HDMI2.1 Optical Fiber Cable - User manual

1. Product description

The signal end of the optical fiber HDMI HD line has an electro-optical conversion unit, which converts the electrical signal into an optical signal that can be transmitted in the optical fiber. The photoelectric conversion unit at the display end is used to convert the received optical signal into an electrical signal, so the signal direction of the optical fiber HD line is required. Connect devices in the sequence from Source to Display. Do not plug them backwards. Highly integrated photoelectric conversion unit, with official introduction of this section. The 8K HDMI version 2.1 HD cable uses an advanced laser. The electrical signal is converted into an optical signal through the Source interface circuit. The high-speed transmission of the fiber core effectively isolates electromagnetic interference, so that the signal will not be lost even if the transmission distance is 100M. The optical fiber core adopts the ten-gigabit optical fiber core design. From the cross-section of the cable, the optical fiber core is in the middle of the cable, so the design can be more effective. Protect the fiber core. In addition, at the large design level, this fiber core has aluminum film shielding, PVC outer coating, tensile reinforcement wire and Aramid wire core tensile protection, suitable for digital home theater, video classrooms, security cameras, conference rooms, auditoriums, LED billboards, Outdoor advertising, airport and stadium panel information display and more.

2. Product parameter

1. An ultra HD 8K HDMI2.1 optical fiber cable.
2. Support 8K*4K@60Hz, 4K@60Hz/120Hz/144Hz and other resolutions, support dynamic HDR, 3D stereoscopic imaging technology.
3. Photoelectric conversion chip, signal transmission bandwidth 48Gbps.
4. Compatible with Dolby panoramic, Dolby Vision, HDCP2.2 and 2.3, DTS: X, dynamic HDR eARC, ALLM, QFT, QMS, VRR.
5. The use of photoelectric composite cable four light seven copper structure, anti-interference, tensile.
6. Product appearance injection molding, gold-plated port, stable signal transmission.
7. Widely used in large-screen exhibition, e-sports games, home audio, multimedia video playback and other display places.

3、 Installation matters

- Carefully open the contents of the shipment group and close the entire system before connecting
- Plug the "Source" housing connector of the DTECH cable directly into the HDMI output port of the video source (DVD, Blu-ray, Game case, etc.). Make sure the cable is securely inserted.
- Plug the "Display" housing interface of the DTECH cable into the HDMI input port of the monitor (HDTV, LCD screen, Projector, etc.). Make sure the cable is securely inserted.
- Power on signal source and display

Note: Do not connect any intermediate cables or adapters between them, as this may result in degraded signal transmission performance.

- Screen distortion or display noise

Check that the picture resolution is set correctly for the signal source. For the signal source device, check whether the device signal enhancement mode is required. Indicates whether the device supports the resolution of the signal source output;

4、 Safety precautions

- Before cleaning, please unplug the power plug from the video device. Do not use liquid or spray cleaners. Use only wet cloths.
- Keep away from wet, magnetic and flammable surfaces or substances.
- Do not place any heavy objects or equipment on top of the equipment.
- When you encounter product quality problems, first consult our after-sales department, non-professionals can not remove the shell without permission to avoid product damage.

Product Warranty Card

Customer Information

Model :	
Date of purchase :	
User telephone :	
User address :	
Distributor :	
Agency address :	
User telephone :	Dealer stamp valid

Intenance Records

Repair times	Date	Fault	Treatment measures	Repair work NO.

5, Connection diagram

