

DT-TF600 Type-C  
AM AM Full-function  
Fiber Optic Cable

Please read the product manual carefully before using the product.

I. Product Overview

A Type-C Full-Function Optical Fiber Cable demonstrates exceptional adaptive performance in DP Alt-mode 2-Lane and 4-Lane communications. This cable enables seamless integration of high-speed data transfer, control signal transmission, high-definition screen mirroring, and fast charging.This innovative, high-performance electro-optical transmission solution meets evolving industry demands. It supports 60W Power Delivery (PD) fast charging even at a 15-meter length, catering to diverse power requirements without compromising performance.Fully compliant with the full-function Type-C standard, it ensures seamless integration with various devices and systems. No external power is required, simplifying installation, reducing clutter, and facilitating integration into diverse setups. The all-in-one active optical cable holds broad application potential in industries such as laptop screen mirroring, interactive whiteboards, phone casting, and VR.

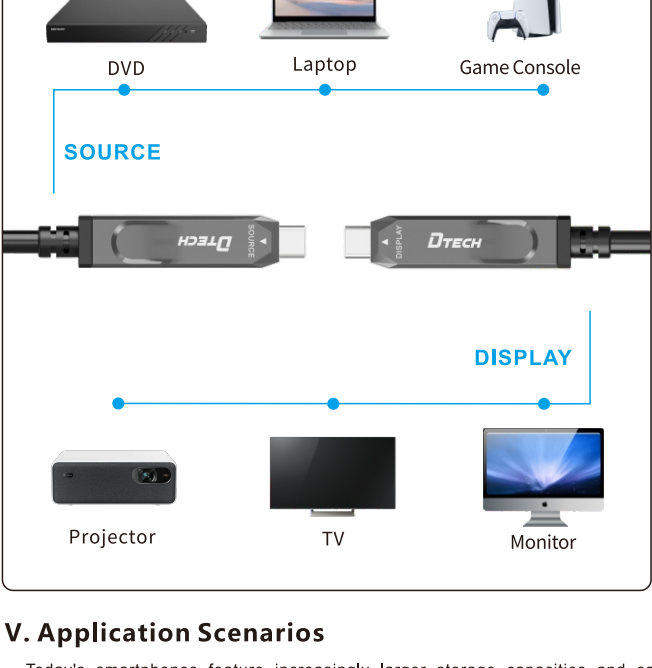
II. Function Parameters

- 1. Supports 8K@60Hz, 4K@240Hz, 4K@120Hz, 1080P@480Hz, and other resolutions.
- 2. Adaptively supports the 4-lane DP2.1 + USB 2.0 or 2-lane DP1.4 + USB 3.2 10Gbps full-function specification.
- 3. Supports a data transfer rate of 10 Gbps and is backward compatible with USB 2.0/1.1 protocols.
- 4. Supports long-distance 60W Power Delivery (PD) fast charging.
- 5. The product supports both video signal conversion and data signal conversion.
- 6. Utilizes a multi-layer shielded composite fiber optic cable for stable, interference-resistant transmission.
- 7. Features built-in ESD protection circuitry for comprehensive system safety.

III. Interface Description

Interface Name	Interface Description
DISPLAY	Signal Receiver End (For connecting to a display device)
SOURCE	Signal Transmitter End For connecting to a signal source device)

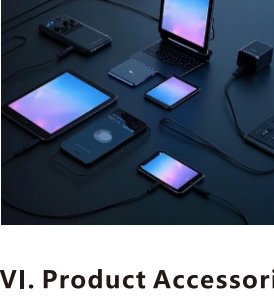
IV. Product Connection Diagram



V. Application Scenarios

Today's smartphones feature increasingly larger storage capacities and can capture photos and videos at very high resolutions. For instance, using a Type-C optical fiber cable to connect a smartphone to a computer allows for the fast transfer of large files, such as 8K videos, to the computer for editing or storage. This is

particularly beneficial for video creators, who often need to transfer footage shot on their phones to professional video editing software (e.g., Adobe Premiere Pro) on a computer for post-production. Such high-speed cables can significantly improve the efficiency of transferring media assets.



VI. Product Accessories

- 1. Product: 1 unit

VIII. Precautions

- 1. Communication Failure
  - A. Check if the SOURCE and DISPLAY ports are connected in reverse. The SOURCE should be connected to the signal transmitter end (e.g., computer, PS5, Blu-ray player), and the DISPLAY should be connected to the signal receiver end.
  - B. Check that the Type-C interface is securely connected to the device to avoid a loose connection at the port.
- 2. Communication Rate Not Achieved
  - A. Check the signal source device (e.g., computer, PS5) to confirm it can output at the desired communication rate.
  - B. Check the signal receiver device (e.g., monitor, TV, projector) to confirm it can receive and display at the desired communication rate.

Product Warranty Card

Customer Information

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

Intenance Records

Repair times	Date	Fault	Treatment measures	Repair work NO.

Electronic products are guaranteed for one year, and other products are guaranteed for two years. Damage caused by human factors or product burnout caused by improper operation is not included in the scope of warranty.