

# HDMI 2.0 Fiber Optic Cable

HDMI Cable with Fiber Optic 2.1Version

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HDMI 2.0 Fiber Optic Cable

## Variants

5M 30M 10M 15M 50M 150M 100M

## Details

The **HDMI Fiber Optic Cable 2.0** is a high-performance Active Optical Cable (AOC) designed for long-distance transmission of ultra-high-definition audio and video signals. Using advanced optical fiber technology, it delivers stable 4K video transmission without signal loss, making it ideal for professional AV installations, conference rooms, digital signage, gaming, and home entertainment systems.

Compared with traditional copper HDMI cables, fiber optic HDMI cables offer greater bandwidth, longer transmission distances, lighter weight, and improved flexibility while maintaining full HDMI 2.0 functionality.

Maximum Resolution

**4K @ 60Hz**

Bandwidth

**18Gbps**

Fiber Type

**OM3**

Cable Length

**10M–150M**

## Key Features

? Supports HDR, ARC, CEC, EDID, 3D and HDCP 2.2

? 4K (3840 × 2160) @ 60Hz ultra-high-definition video

? Active Optical Cable (AOC) technology

? Supports full 18Gbps HDMI 2.0 bandwidth

? Ultra-thin 4.8mm flexible cable design

? Gold-plated HDMI connectors for long service life

? No external power supply required

? Clearly marked Source and Display ends

## Technical Specifications

Parameter	Description
<b>Product Series</b>	4K Fiber Optic HDMI 2.0 AOC Cable
<b>Part Number</b>	AOC-HDMI20-A-A-xM
<b>Connector Type</b>	HDMI-A to HDMI-A
<b>Connector Plating</b>	Gold Plated
<b>Jacket Material</b>	PVC
<b>Fiber Type</b>	OM3 Multimode Fiber
<b>Maximum Resolution</b>	4K @ 60Hz
<b>Bandwidth</b>	18Gbps
<b>Power Requirement</b>	No External Power Required
<b>Power Consumption</b>	250mW
<b>Cable Diameter</b>	4.8mm
<b>Minimum Bend Radius</b>	20mm
<b>Supported Formats</b>	4K, FHD, 3D, Deep Color, HDMI-CEC, HDCP™, HD Audio
<b>Available Lengths</b>	10M, 15M, 20M, 30M, 50M, 70M, 100M & Custom Length

## Compatible Devices

Blu-ray Players

Apple TV

Amazon Fire TV

PS4 / PS5

Xbox Series X/S

PC & Workstations

TV & Monitors

AV Receivers

## Applications

Home Video Distribution

Conference Rooms

Projector Systems

Digital Signage

Commercial AV

Gaming Setups

**Installation Note:** This is a directional HDMI Fiber Cable. Please ensure the **Source** connector is connected to the transmitting device and the **Display** connector is connected to the receiving display device.