HDMI 2.0 Fiber Optic Cable

HDMI Cable with Fiber Optic 2.1Version

HDMI 2.0 Fiber Optic Cable

Variants

30M 5M 10M 15M 50M 150M 100M 20M

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
Product Series	4K Fiber Optic HDMI 2.0 AOC Cable
Part Number	AOC-HDMI20-A-A-xM
Connector Type	HDMI-A to HDMI-A
Connector Plating	Gold Plated
Jacket Material	PVC
Fiber Type	OM3 Multimode Fiber
Maximum Resolution	4K @ 60Hz
Bandwidth	18Gbps
Power Requirement	No External Power Required
Power Consumption	250mW
Cable Diameter	4.8mm
Minimum Bend Radius	20mm
Supported Formats	4K, FHD, 3D, Deep Color, HDMI-CEC, HDCP™, HD Audio
Available Lengths	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.

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