

HDMI 2.0 Fiber Optic Cable

HDMI Cable with Fiber Optic 2.1Version

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Variants

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

Details

HDMI Cable with Fiber Optic 2.0 Version

This product is easy to use, securely connected, and suitable for locations requiring high-definition video display such as home video distribution, conference room presentation systems, room projection systems, and digital signage.

Fiber optic technology provides the speed and bandwidth needed for high-quality video over long distances. Fiber optic HDMI is also a better choice for gaming and commercial AV applications.

Product Features

Features
Supports HDR, Audio Return Channel (ARC), CEC, EDID, 3D, HDCP 2.2
Resolution up to 4K (3840 × 2160) @ 60Hz with downward compatibility
Ultra-slim and lightweight 4.8mm cable design for easy routing in tight spaces
One-direction transmission with clear Source and Display markings
Connects Blu-ray players, Fire TV, Apple TV, PS4, PS3, Xbox One, Xbox 360, computers, and other HDMI devices to TVs, monitors, and A/V receivers
Supports 18Gbps bandwidth and all HDMI 2.0 video formats
Active Optical Cable (AOC) technology with no extra power required

Gold-plated connectors for long-term durability and rust protection

Thin, light, and flexible compared to traditional HDMI cables

Available in multiple standard lengths from 10m to 100m, with customized length option

Applications

Suitable For

Home video distribution

Conference room presentation systems

Room projection systems

Digital signage

Gaming and entertainment setup

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, long-life design
Jacket Material	PVC
Fiber Type	OM3
Maximum Resolution	4K @ 60Hz
Power Requirements	No external power needed

Power Consumption	250mW
Bandwidth	18 Gbps
Supported HDMI Features	4K, FHD, 3D, Deep Color, HDMI-CEC, HDCP™, HD Audio
Cable Thickness	4.8mm
Minimum Bend Radius	20mm
Operating Temperature / Humidity	32 to 158°F (0 to 70°C), 10% to 85% RH, Non-Condensing
Storage Temperature / Humidity	-40 to 185°F (-40 to 85°C), 5% to 90% RH, Non-Condensing