

# 4K HDMI fiber cable Armored

## Variants

3M Armored 50M Armored 20M Armored 15M Armored 10M Armored 5M Armored

## Details

## 4K HDMI 2.1 Armored Fiber Optic Cable

High-performance HDMI 2.1 Active Optical Cable (AOC) designed for ultra-high bandwidth transmission. Supports 4K video, long-distance fiber transmission, and armored protection for demanding environments.

## General Specifications

Parameter	Specification
Product Type	Active Optical HDMI Cable (AOC)
HDMI Version	HDMI 2.1
Bandwidth	Up to 48Gbps
Resolution	8K @ 60Hz, 4K @ 60/120/144Hz
HDR	Dynamic HDR Supported
3D Support	Yes (3D Stereoscopic Imaging)

## Transmission & Structure

Parameter	Specification
Technology	Photoelectric Conversion Chip

Signal Medium	Fiber Optic Transmission
Cable Structure	4 Optical Fibers + 7 Copper Wires
Armor Protection	Steel Armored Layer
EMI/RFI Protection	Excellent Electromagnetic Isolation

## Build & Design

Parameter	Specification
Connector Housing	Zinc Alloy
Connector Plating	Gold-Plated HDMI Ports
Flexibility	High Flexibility & Bend Resistant
Strength	High Tensile Strength (Anti-Pull & Pressure)

## Audio & Video Support

Parameter	Specification
Audio Formats	Dolby Atmos, DTS:X
Video Formats	Dolby Vision, HDR
HDCP	HDCP 2.2 / 2.3
Advanced Features	eARC, VRR, ALLM, QFT, QMS

## Installation & Usage

Parameter	Details
Directional	Unidirectional (Source ? Display)

Source End	Connect to HDMI Output Device
Display End	Connect to HDMI Input Device
Adapter Use	Not Recommended

## Applications

Usage Area	Details
Environments	Home Theater, Conference Rooms, LED Walls, Classrooms, Airports, Stadiums, Security Systems, Medical Environments, E-Sports Gaming

## Important Notes

Item	Details
Installation	Power off devices before connection
Safety	Do not place heavy objects on cable
Maintenance	Do not open or disassemble connectors