

8K HDMI fiber cable Armored

Variants

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

Details

8K HDMI 2.1 Armored Fiber Optic Cable (AOC) – Specifications

General Specifications

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

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

Build & Design

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

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

Directional	Unidirectional (Source ? Display)
Source End	Connect to HDMI Output Device
Display End	Connect to HDMI Input Device
Adapter Use	Not Recommended

Applications

Usage Areas	Home Theater, Conference Rooms, LED Walls, Classrooms, Airports, Stadiums, Security Systems, Medical Environments, E-Sports Gaming
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Important Notes

Installation	Power off devices before connection
Safety	Do not place heavy objects on cable

Maintenance

Do not open or disassemble connectors

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