

8K HDMI fiber cable

Variants

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

Details

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

- ? Product Type: Active Optical HDMI Cable (AOC)
- ? HDMI Version: HDMI 2.1
- ? Maximum Bandwidth: 48Gbps
- ? Resolution Support: 8K x 4K @ 60Hz
- ? Resolution Support: 4K @ 60Hz / 120Hz / 144Hz
- ? HDR Support: Dynamic HDR
- ? 3D Support: Yes (3D Stereoscopic Imaging)

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

- ? Connector Housing: Zinc Alloy
- ? Connector Plating: Gold-Plated HDMI Ports
- ? Cable Design: High Flexibility & Bend Resistant
- ? Tensile Strength: High (Anti-Pull & Anti-Pressure)

- ? Audio & Video Support:
 - ? Dolby Vision
 - ? Dolby Atmos
 - ? DTS:X
 - ? HDCP 2.2 / HDCP 2.3
 - ? eARC
 - ? VRR / ALLM / QFT / QMS

- ? Directional Cable: Yes (Unidirectional)
- ? “Source” End: Connect to HDMI Output Device
- ? “Display” End: Connect to HDMI Input Device
- ? Adapter Use: Not Recommended

? Application Areas:

- ? Home Theater & AV Systems
- ? Conference & Meeting Rooms
- ? LED Video Walls & Digital Signage
- ? Classrooms & Auditoriums
- ? Airports & Stadium Displays
- ? Security & Monitoring Systems
- ? Medical & EMI-Sensitive Environments
- ? E-Sports & High-Refresh-Rate Gaming

? Installation Note: Power off devices before connection

? Safety Note: Do not place heavy objects on cable

? Maintenance: Do not open or disassemble connectors