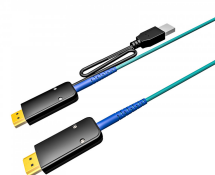
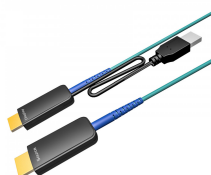
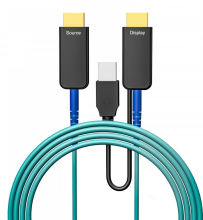
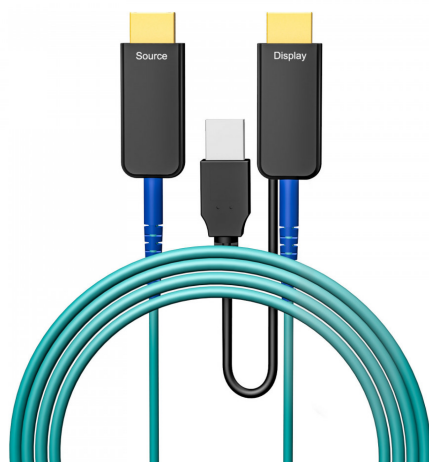


# DATASHEET

## HDMI 2.1 Pure Fiber Optic Cable, 50m, 8K@60Hz/4K@120Hz, 48Gbps



### General data

This pure fiber optic HDMI 2.1 cable offers high-performance video and audio transmission, with a bandwidth of 48 Gbps and 4K resolution at 120 Hz.

Using pure OM3 fiber optics, it ensures excellent compatibility and requires no driver installation.

The cable features robust EMI and RFI shielding, making it ideal for medical imaging and home theater systems.

With a thin 3.0 mm LSZH jacket, zinc alloy HDMI connectors, and a flexible, bend-resistant design, it supports long-distance transmission (up to 100 m) with clear and stable signals.

External power is required via the USB interface at the RX end for uninterrupted operation.

### Applications

Medical imaging equipment

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# DATASHEET

## HDMI 2.1 Pure Fiber Optic Cable, 50m, 8K@60Hz/4K@120Hz, 48Gbps

Aircraft onboard video system  
Home theater  
Blu-ray, 3D video, projector, set-top box, DVR, game console, and computer  
TV broadcast station  
Conference room video equipment  
Video system Safety

### Technical Specifications

HDMI Type-A Male Source / HDMI Type-A Male Display  
HDMI 2.1 Standard  
Supports 48Gbps bandwidth with 8K at 60Hz, 4K at 120Hz  
Supports HDCP 2.3  
Auto-detection function for EDID information (bidirectional)  
Supports HDR10+ formats  
Does not support ARC or eARC  
Plug and play  
No electromagnetic interference and strict electrical isolation  
Color: Aqua

### Package Contents

48 Gbps HDMI Pure Fiber Optic Cable

| Technical properties                |                   |
|-------------------------------------|-------------------|
| ARC                                 | False             |
| Bandwith                            | 48 Gbit/s         |
| Cable type (passive/active/optical) | optical           |
| Connection type connection 1        | Plug              |
| Connection type connection 2        | Plug              |
| Connector 1 angulation              | 180°              |
| Connector 2 angulation              | 180°              |
| HDCP Version                        | HDCP 2.3          |
| HDR                                 | HDR10             |
| Max. resolution                     | 4K@120Hz          |
| Model                               | Round Cable       |
| Number of poles connection 1        | 19                |
| Number of poles connection 2        | 19                |
| Scope of delivery                   | 1x HDMI AOC cable |
| Speed                               | 48 Gbit/s         |
| Type of connector connection 1      | HDMI Typ A        |

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# DATASHEET

## HDMI 2.1 Pure Fiber Optic Cable, 50m, 8K@60Hz/4K@120Hz, 48Gbps

|                                |             |
|--------------------------------|-------------|
| Type of connector connection 2 | HDMI Type A |
| eARC                           | False       |

### Available variants

| ArtNr.           | Bezeichnung                                                     | Colour | Length  |
|------------------|-----------------------------------------------------------------|--------|---------|
| ICOC-HDMI-FO-050 | HDMI 2.1 Pure Fiber Optic Cable, 50m, 8K@60Hz/4K@120Hz, 48Gbps  | aqua   | 50.0 m  |
| ICOC-HDMI-FO-070 | HDMI 2.1 Pure Fiber Optic Cable, 70m, 8K@60Hz/4K@120Hz, 48Gbps  | aqua   | 70.0 m  |
| ICOC-HDMI-FO-100 | HDMI 2.1 Pure Fiber Optic Cable, 100m, 8K@60Hz/4K@120Hz, 48Gbps | aqua   | 100.0 m |

### Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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