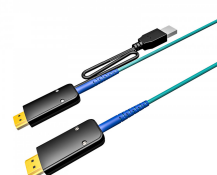
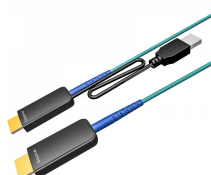
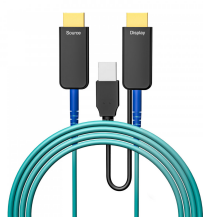
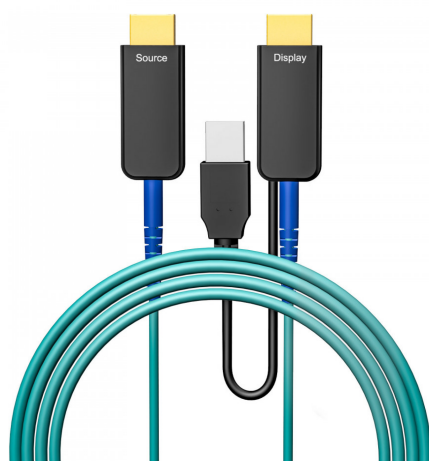


DATASHEET

HDMI 2.1 Pure Fiber Optic Cable, 100m, 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

This datasheet was created automatically on 11-09-2026 . Technical changes reserved.



DATASHEET

HDMI 2.1 Pure Fiber Optic Cable, 100m, 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

This datasheet was created automatically on 11-09-2026 . Technical changes reserved.



DATASHEET

HDMI 2.1 Pure Fiber Optic Cable, 100m, 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.

This datasheet was created automatically on 11-09-2026 . Technical changes reserved.

