



Prokord HD21HD10-OPT-LSZH

Data sheet

Core Specs

Cable length	10 m
Connector 1	HDMI
Connector 2	HDMI
Product colour	Black
HDMI version	2.1

Summary

Optical HDMI 2.1 cable for 8K - perfect for long, stable installations

- ✓ 50 m fibre-optic/copper HDMI cable delivers 48 Gbit/s for reliable 8K
- ✓ HDMI 2.1, HDR and Dolby Vision support for richer, accurate images
- ✓ Gold-plated Type A plugs, plug and play for fast, tool-free setup
- ✓ LSZH jacket limits smoke and halogen, suited for public buildings
- ✓ HDCP 2.2/2.3, HDMI Ethernet, ARC and 3D ensure wide AV compatibility

Product description

High performance over long distances

Prokord's optical HDMI 2.1 cables (AOC, Active Optical Cable) are designed to deliver maximum image and sound quality even for long cable runs. By converting the electrical signal into light, signal loss that would otherwise occur in traditional copper cables is eliminated.

Support for 8K and future standards

The cable supports resolutions up to 8K at 60 Hz and 4K at 120 Hz, with a bandwidth of 48 Gbps. This makes it ideal for everything from advanced AV installations to gaming and home cinema where high performance is required.

A first-class image and sound experience

With support for Dynamic HDR, HDR10 and Dolby Vision you get deeper contrast and more vivid colours. The cable also handles advanced audio formats such as Dolby Atmos and TrueHD for a complete experience.

Stable signal without interference

The optical technology makes the cable immune to electromagnetic interference, which ensures a stable signal even in environments with a lot of electronics, perfect for professional installations.

Smooth and safe installation

The cable is thin, flexible and easy to pull even in tight spaces. The fire-safe LSZH jacket (Low Smoke Zero Halogen) makes it a reliable choice in public environments and offices.

Important to note

This cable is unidirectional (single direction), which means that it must be installed correctly from source to display.

Technical Specification Matrix

Header

Manufacturer	Prokord
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Features

Cable length	10 m
Connector 1	HDMI
Connector 1 gender	Male

Connector 1 form factor	Straight
Connector 2	HDMI
Connector 2 gender	Male
Connector 2 form factor	Straight
HDMI cable type	Ultra High Speed HDMI cable
Product colour	Black
3D	Yes
HDMI version	2.1
Supported video modes	1080p, 1440p, 2160p, 4320p
Supported graphics resolutions	1920 x 1080 (1080p, FHD), 2560 x 1440 (QHD), 3840 x 2160, 7860 x 4320
AWG wire size	32
Connector contacts plating	Gold
Dolby technologies	Dolby Atmos, Dolby TrueHD, Dolby Vision
HDCP	Yes
Audio Return Channel (ARC)	Yes
Cable jacket material	Low smoke zero halogen (LSZH)
Cable type	Round cable
HDMI Ethernet channel	Yes
Quantity per pack	1 pc(s)
Data transfer rate	48 Gbit/s
HDCP version	2.2/2.3
Bending radius (min)	50 mm
High Dynamic Range (HDR) supported	Yes
Cable material	Fibre optic/Copper
Connector housing material	Metal
Plug and Play	Yes
Enhanced Audio Return Channel (eARC)	No

Weight & dimensions

Cable diameter	4.8 mm
Package width	350 mm
Connector 1 dimensions (WxDxH)	13.9 x 14.9 x 4.45 mm
Package depth	420 mm
Connector 2 dimensions (WxDxH)	13.9 x 14.9 x 4.45 mm
Package height	0.12 mm

Logistics data

Country of origin	China
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