PROKORD

# Prokord HD21HD15-OPT-LSZH

**Data sheet**

## Core Specs

| | |
|---|---|
| Cable length | **15 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** |

### Features

| | |
|---|---|
| Cable length | **15 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** |
| HDMI version | **2.1** |
| Supported video modes | **1080p, 1440p, 2160p, 4320p** |
| 3D | **Yes** |
| Supported graphics resolutions | **1920 x 1080 (1080p, FHD), 2560 x 1440 (QHD), 3840 x 2160, 7860 x 4320** |
| AWG wire size | **32** |
| Dolby technologies | **Dolby Atmos, Dolby TrueHD, Dolby Vision** |
| Connector contacts plating | **Gold** |
| 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** |
| Connector 1 dimensions (WxDxH) | **13.9 x 14.9 x 4.45 mm** |
| Package width | **350 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** |