



Prokord PBH-V2.1-1M

Data sheet

Core Specs

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

Summary

HDMI 2.1 cable: Superfast 48Gbps with support for 8K and Dynamic HDR.

- ✓ HDMI 2.1 with 48 Gbps Bandwidth - Super fast and stable data transfer.
- ✓ 48 Gbps Bandwidth - Super fast and stable data transfer.
- ✓ 8K and 4K Support - Supports 8K@60Hz and 4K@120Hz for future resolutions.
- ✓ Dynamic HDR - Optimized color and contrast in every frame.
- ✓ eARC - Support for high-quality audio like Dolby Atmos and DTS

Product description

Prokord Black Edition HDMI 2.1 - Premium Performance and Reliability

The ultimate HDMI cable for 8K and future-proof performance

Are you looking for an HDMI cable built to deliver the best possible experiences in gaming, home theater, and professional use? Prokord Black Edition HDMI 2.1 takes your picture and sound quality to the next level with support for resolutions up to 8K and a data transfer rate of up to 48 Gbps.

With advanced features like Dynamic HDR, Variable Refresh Rate (VRR), and Enhanced Audio Return Channel (eARC), you get both an unrivaled visual experience and crystal-clear sound. This cable is built for the future of entertainment.

Support for Future Resolutions: 8K and 10K

With the HDMI 2.1 standard, you can enjoy resolutions of up to 8K@60Hz and even 10K, making this cable future-proof for the latest imaging and entertainment technologies.

Optimal for Gaming and VR

This cable is perfect for gaming, with features like Variable Refresh Rate (VRR) that eliminate interference such as lag and screen tearing. Together with Quick Frame Transport (QFT) and Auto Low Latency Mode (ALLM), you get a fast, responsive, and seamless gaming experience—perfect for the most demanding gamer.

Dynamic HDR - Color Accuracy in Every Frame

With Dynamic HDR, you get an enhanced visual experience where brightness, contrast, and colors are optimized for each scene. It delivers sharper, more detailed images with true-to-life color reproduction—whether you're watching movies, gaming, or using the cable in professional applications.

Enhanced Audio Quality with eARC

Thanks to Enhanced Audio Return Channel (eARC), you get support for advanced audio formats like Dolby Atmos and DTS:X, providing you with a truly cinematic sound experience directly from your TV to your sound system without the need for extra cables.

Outstanding quality and durability

Each Prokord Black Edition cable is built with carefully selected components, including high-quality copper wire that eliminates signal loss. In addition, the cables are both halogen-free (LSZH) and PVC-free, making them more environmentally friendly and safe to use in public environments such as conference rooms and offices.

Thoroughly tested and lifetime warranty

Before delivery, each cable is individually tested to ensure the best possible performance and reliability. In addition, we offer a lifetime warranty, giving you full peace of mind that your investment will last a long time.

Key Features:

- 48Gbps bandwidth for super-fast and stable data transfer
- Supports resolutions up to 8K@60Hz and 4K@120Hz, plus 10K for future use
- Dynamic HDR for enhanced color and contrast control in every scene
- Enhanced Audio Return Channel (eARC) for high-quality audio supporting Dolby Atmos and DTS:X
- Variable Refresh Rate (VRR) for a seamless and smooth gaming experience
- Quick Media Switching (QMS) eliminates black screens when switching content
- Quick Frame Transport (QFT) reduces latency for faster gaming performance
- Auto Low Latency Mode (ALLM) that automatically optimizes for the best gaming experience

Want to learn more about Prokord Black and discover the full range? Visit:Prokord Black on Dustin

Technical Specification Matrix

Header

Manufacturer	Prokord
Product Line	BLACK EDITION

Features

Cable length	1 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
Product colour	Black
3D	Yes
HDMI version	2.1
Maximum resolution	Up to 8K pixels
Supported video modes	2160p
AWG wire size	30AWG
Supported graphics resolutions	4096 x 2160, 7860 x 4320
Dolby technologies	Dolby TrueHD, DTS-HD Master Audio
Connector contacts plating	Gold plated
HDCP	Yes
Audio Return Channel (ARC)	Yes

Cable jacket material	TPE
Cable shielding	Aluminium foil + braid
HDMI Ethernet channel	Yes
Quantity per pack	1 pc(s)
Data transfer rate	12 Gbit/s
High Dynamic Range (HDR) supported	Yes
Certification	HDMI,true-4k
Cable material	Tinned copper
Maximum refresh rate	60 Hz
Plug and Play	Yes
Colour depth	12 bit

Weight & dimensions

Weight	350 g
Cable diameter	6 mm

Technical details

Sustainability certificates	CE, REACH, RoHS
-----------------------------	-----------------