DATASHEET

Ultra High Speed HDMI Cable 8K 48Gbps eARC, M/M 2m black

General data

It supports 4K@120Hz, 8K@60Hz resolutions and 48Gbps bandwidth. It supports DSC v1.2, eARC, VRR, QMS, QFT, ALLM, and Dynamic HDR. This HDMI standard also introduces a new HDMI cable category called 48G, which certifies cables for the new, higher speeds required by these formats. 48G HDMI cables are backward compatible with older HDMI devices, while older cables are compatible with newer HDMI devices, although the full 48Gbps bandwidth is not possible without the newer cables.

Features

The maximum supported resolution is 8K@60Hz
Dynamic HDR for specifying HDR metadata on a scene-by-scene or even frame-by-frame basis
Display Stream Compression (DSC) 1.2 is used for video formats above 8K with 4:2:0 chroma subsampling
Enhanced Audio Return Channel (eARC) for object-based audio formats such as Dolby Atmos and DTS:X
Advanced refresh rate features:
Variable Refresh Rate (VRR) reduces or eliminates lag, stutter, and frame tearing for smoother motion in games
Fast Media Switching (QMS) for movies and videos eliminates the delay that can cause blank screens before content is displayed
Quick Frame Transport (QFT) reduces latency
Automatic Low Latency Mode (ALLM) automatically sets latency to the ideal minimum latency

This datasheet was created automatically on 18-10-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

Ultra High Speed HDMI Cable 8K 48Gbps eARC, M/M 2m black

Fully shielded to reduce interference
PVC jacket
Color: Black

Specifications

Full HD Blu-ray Disc and HD DVD video
Consumer Electronic Control (CEC)
DVD-Audio
Super Audio CD (DSD)
Auto lip-sync
Dolby TrueHD/DTS-HD Master Audio bitstream capability
Updated list of CEC commands
3D Video
Ethernet Channel (100 Mbps)
Audio Return Channel (ARC)
4 audio streams
2 video streams (dual view)
Hybrid Log-Gamma (HLG) HDR OETF
Static HDR (HDR static metadata)
Dynamic HDR (HDR dynamic metadata)
Enhanced Audio Return Channel (eARC)
Variable Refresh Rate (VRR)
Quick Media Switching (QMS)
Quick Frame Transport (QFT)
Auto Low Latency Mode (ALLM)
Display Stream Compression (DSC)

Package Contents

Ultra High Speed HDMI Cable 8K 48Gbps M/M

Technical properties	
ARC	True
Bandwith	100 Mbit/s
CEC	True
Connection type connection 1	Plug
Connection type connection 2	Plug
Connector 1 angulation	180°
Connector 2 angulation	180°
DSC	True
HDR	HDR

This datasheet was created automatically on 18-10-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

Ultra High Speed HDMI Cable 8K 48Gbps eARC, M/M 2m black

Material jacket	PVC
Max. resolution	8K@60Hz
Model	Round Cable
Number of poles connection 1	19
Number of poles connection 2	19
Scope of delivery	1 x HDMI Cable
Speed	48 Gbit/s
Supported audio formats	Dolby True HD
Type of connector connection 1	HDMI Type A
Type of connector connection 2	HDMI Type A
VRR	True
Warranty	24 months
eARC	True

Available variants

ArtNr.	Bezeichnung	Colour	Length	AWG
ICOC-HDMI21-8B-010	Ultra High Speed HDMI Cable 8K 48Gbps eARC, M/M 1m black	Black	1.0 m	30
ICOC-HDMI21-8B-020	Ultra High Speed HDMI Cable 8K 48Gbps eARC, M/M 2m black	Black	2.0 m	30
ICOC-HDMI21-8B-030	Ultra High Speed HDMI Cable 8K 48Gbps eARC, M/M 3m black	Black	3.0 m	30
ICOC-HDMI21-8B-050	Ultra High Speed HDMI Cable 8K 48Gbps eARC, M/M 5m black	Black	5.0 m	30

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 18-10-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION