DATASHEET

Ultra High-Speed 8K60Hz 48 Gbps HDMI Cable 2m white compat. w. HDMI 2.1/2.0











General data

This white HDMI™ cable from EFB-Elektronik meets the requirements for HDMI™ Version 2.1 and supports a maximum resolution of up to 8K@60Hz. It is therefore compatible with the 8K UHD video standard and performs particularly well with TVs, game consoles, and video cameras. The HDMI™ standard is backward compatible and suitable for many devices. Thanks to a bandwidth of 48 Gbit/s, even particularly high-quality media can be easily transmitted.

- Contact material: gold-plated contacts for reliable transmission quality
- HDR10+: for vibrant colors and high contrast
- Maximum data transfer rate: 48 Gbps

Product benefits
HEC-compatible devices allow for the transfer of network data via an integrated Ethernet channel, eliminating the need for a separate network cable. Media playback becomes even more vivid thanks to HDR10+, which transmits a wider color spectrum and finer brightness nuances.

Product description
The cable jacket is made of PVC+textile. The HDMI™ Type A connectors feature an aluminum connector housing, which helps prevent damage.

This datasheet was created automatically on 08-11-2026 . Technical changes reserved.

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WE CARE FOR CONNECTION

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Technical Details
- Connector 1: HDMI™ Type A plug (19-pin)
- Connector 2: HDMI™ Type A plug (19-pin)
- Connector angle: 180° (straight)
- Supported technologies/protocols: HDR10+, 3D, HEC
- Signal type: digital
- Cable diameter: 6.0 mm
- Jacket material: PVC + fabric
- Maximum mating cycles: 10,000
- With kink protection
- Brand: EFB-Elektronik

Contents
- 1 x HDMI™ cable

Technical properties	
3D	True
ARC	True
Backwards compatible	True
Bandwith	48 Gbit/s
Bending radius (dynamic/static)	15 mm
CEC	True
Cable and plug compatibility	Ultra High-Speed HDMI
Cable set	False
Cable type (passive/active/optical)	passive
Chip	False
Color depth	10-Bit
Compliant with	TV,gaming console,Videocamera,home cinema,Blu-ray Player,DVD Player
Compressions technologies	VESA DSC,Dolby Vision,HDR10+
Connection type connection 1	Plug
Connection type connection 2	Plug
Connector 1 angulation	180°
Connector 2 angulation	180°
Contact Plating	gold-plated
Crush resistance (short/long)	1.5 kg/cm²
DSC	False
Dust cover	false
Enhanced Color	HighDynamicRange

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HDCP Version	HDCP 2.2
HDMI Power	True
HDMI certified	True
HDR	HDR10
HEC (Ethernet channel)	True
Halogenfree	No
Kink protection	True
MSA	False
MST	False
Material Connector Housing	Aluminium
Material Inner Conductor	BC
Material jacket	PVC+Textile
Max. mating cycles	10000
Max. resolution	8K@60Hz
Model	Round Cable
Number of poles connection 1	19
Number of poles connection 2	19
Number of shieldings	double
Operating temperature	-15 – 75 °C
PCIe Data transfer	False
Plug dimensions Side 1	20mm x 20mm x 10.8mm
Plug dimensions Side 2	20mm x 20mm x 10.8mm
Plug imprint	EFB LOGO, HDMI 8K UHD
Scope of delivery	1 x HDMI Cable
Shielded	True
Speed	48 Gbit/s
Supported audio formats	compressed Audio format (Dolby Digital, Dolby TrueHD, DTS, DTS-HD Master Audio, Dolby Atmos)
Supported video standards	8K UHD
Temperature	-20 – 80 °C
Tensile strength (short/long)	98,1 N
Type of connector connection 1	HDMI Type A
Type of connector connection 2	HDMI Type A
Type of packaging	paper box
Type of signal	Digital
VESA certified	False

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VRR	True
Version	HDMI Version 2.1
Warranty	36 months
With termination resistor	False
eARC	True

Available variants

ArtNr.	Bezeichnung	Colour	Length	Diameter	AWG
HDMI-21-00009	Ultra High-Speed 8K60Hz 48 Gbps HDMI Cable 0.5m white compat. w. HDMI 2.1/2.0	white	0.5 m	6.0 mm	30AWG
HDMI-21-00010	Ultra High-Speed 8K60Hz 48 Gbps HDMI Cable 1m white compat. w. HDMI 2.1/2.0	white	1 m	6.0 mm	30AWG
HDMI-21-00011	Ultra High-Speed 8K60Hz 48 Gbps HDMI Cable 2m white compat. w. HDMI 2.1/2.0	white	2 m	6.0 mm	30AWG
HDMI-21-00012	Ultra High-Speed 8K60Hz 48 Gbps HDMI Cable 3m white compat. w. HDMI 2.1/2.0	white	3 m	7.5 mm	28AWG
HDMI-21-00013	Ultra High-Speed 8K60Hz 48 Gbps HDMI Cable 5m white compat. w. HDMI 2.1/2.0	white	5 m	9.0 mm	26AWG

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.

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