# DATASHEET

## Ultra High-Speed 8K60Hz 48 Gbps HDMI Cable 3m 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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WIR SORGEN FÜR VERBINDUNG
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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