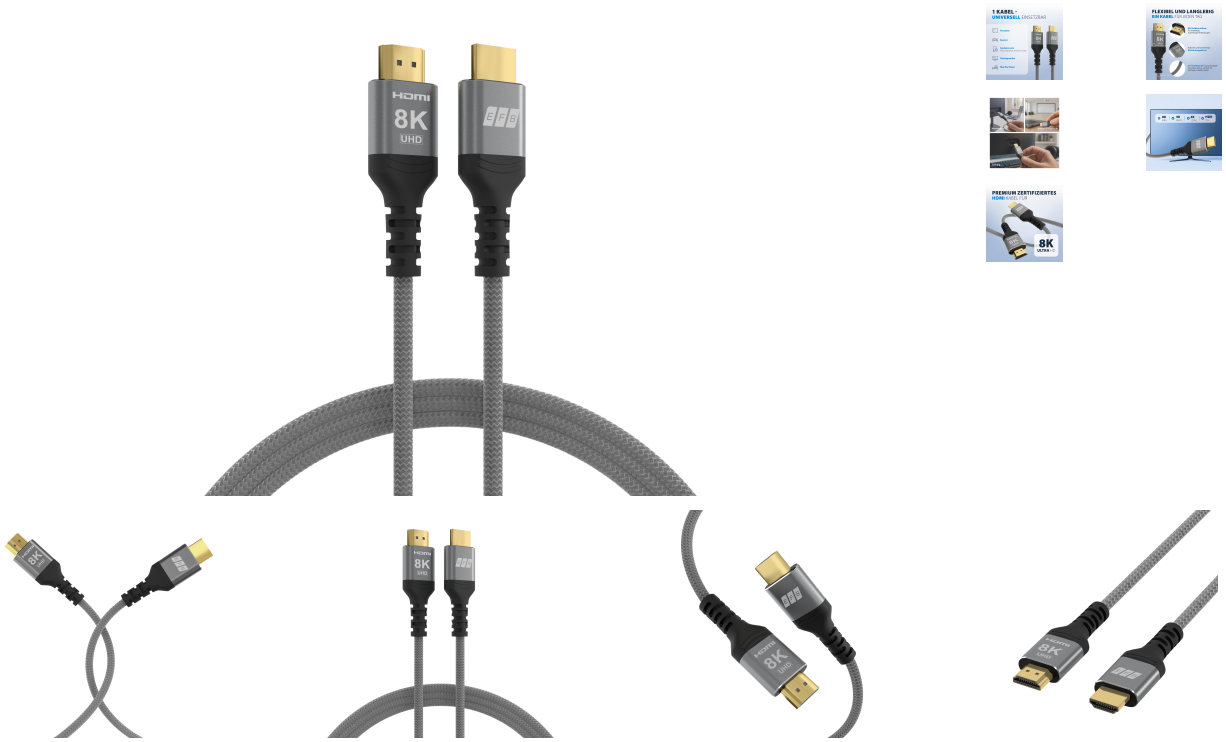
DATASHEET

HDMI cable Ultra High Speed 8K60Hz 48 Gbit/s 5m gray comp. with HDMI 2.1/2.0



General data

8K HDMI Cable – Ultra High Speed & HDMI Premium Certified for Professional Use

This Ultra High Speed HDMI cable is HDMI.org-certified and built for demanding professional installations. With up to 8K@60Hz resolution, pure copper conductors, and 48 Gbps bandwidth, it meets the highest standards in AV, broadcast, and IT projects.

Key Features:

- **Resolution:** 8K@60Hz, 4K@120Hz
- **Standard:** Ultra High Speed HDMI (compatible with HDMI 2.1 / 2.0)
- **Certification:** HDMI Premium Certified with QR code (HDMI.org)
- **Bandwidth:** 48 Gbps
- **Conductor:** 100% pure copper

This datasheet was created automatically on 10-11-2026 . 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

HDMI cable Ultra High Speed 8K60Hz 48 Gbit/s 5m gray comp. with HDMI 2.1/2.0

- **Connectors:** Gold-plated, aluminum housing, laser-printed 8K/UHD
- **Jacket:** Braided textile in space grey – durable & sleek
- **Packaging:** 100% plastic-free, shipping-ready, with paper+metal twist tie
- **Lengths:** 0.5m / 1m / 2m / 3m / 5m

Use Cases:
Digital signage, AV system integration, government projects, rental & staging, IT departments, and professional AV resellers.

Why it matters:
HDMI-certified for verified performance – ideal for premium AV clients.

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

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

DATASHEET

HDMI cable Ultra High Speed 8K60Hz 48 Gbit/s 5m gray comp. with HDMI 2.1/2.0

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

This datasheet was created automatically on 10-11-2026 . 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

HDMI cable Ultra High Speed 8K60Hz 48 Gbit/s 5m gray comp. with HDMI 2.1/2.0

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-21-00001	HDMI cable Ultra High Speed 8K60Hz 48 Gbit/s 0.5m gray comp. with HDMI 2.1/2.0	space grey	0.5 m	6.0 mm	30AWG
HDMI-21-00002	HDMI cable Ultra High Speed 8K60Hz 48 Gbit/s 1m gray comp. with HDMI 2.1/2.0	space grey	1.0 m	6.0 mm	30AWG
HDMI-21-00003	HDMI cable Ultra High Speed 8K60Hz 48 Gbit/s 2m gray comp. with HDMI 2.1/2.0	space grey	2.0 m	6.0 mm	30AWG
HDMI-21-00004	HDMI cable Ultra High Speed 8K60Hz 48 Gbit/s 3m gray comp. with HDMI 2.1/2.0	space grey	3.0 m	7.5 mm	28AWG
HDMI-21-00005	HDMI cable Ultra High Speed 8K60Hz 48 Gbit/s 5m gray comp. with HDMI 2.1/2.0	space grey	5.0 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.

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