

CBL-8K-HD Series

Certified HDMI® 2.1 Cable, 48 Gbps



- Certified Ultra High Speed HDMI® 2.1 cables
- Supports up to 8K120 4:4:4 video with 48 Gbps bandwidth up to 30 ft (9.1 m) length
- Gold-plated 19-pin Type-A connectors
- Premium construction allows for thinner and more flexible cables
- Available in a variety of lengths

The [CBL-8K-HD](#) HDMI® 2.1 Ultra High Speed certified cable passes high-resolution video and audio to an HDMI display or device. It supports 8K60 4:4:4 HDR signals with data rates up to 48 Gbps. Cable lengths are available in 1.5 ft (0.5 m), 3 ft (0.9 m), 6 ft (1.8 m), 9 (2.7 m), 12 ft (3.7 m), 16 ft (5 m), 22 ft (6.7 m), and 30 ft (9.1 m).

Premium Design

The [CBL-8K-HD](#) is a premium cable that provides optimal end-to-end system performance. All current Crestron® cables feature a uniform industrial design, enabling them to be thinner, more flexible, and more durable. Rugged matte black connectors provide a reliable connection and have a stylish appearance, making the cable perfect for inclusion in high-end Crestron systems.

Officially Certified

CBL-8K-HD cables are officially certified to meet the HDMI 2.1 specification and bear the Ultra High Speed (UHS) label. They are tested to comply with version 2.1 of the HDMI Compliance Test Specification (CTS). Supported HDMI 2.1 features include:

- Dynamic HDR
- eARC
- Enhanced gaming features
 - Variable Refresh Rate (VRR)
 - Auto Low Latency Mode (ALLM)
 - Quick Frame Transport (QFT)
- Quick Media Switching (QMS)

Specifications

Performance

Cable Type	Passive, bidirectional HDMI to HDMI cable
Bandwidth	48 Gbps
Resolutions	Without DSC: up to 8K @ 30Hz 4:4:4 or 4K @ 120Hz 4:4:4 With DSC: up to 8K @ 120Hz 4:4:4
Color Sampling	4:4:4
HDCP	HDCP 2.3

NOTE: Passes HBR audio, CEC, and EDID.

Connectors

(2) HDMI Type-A connector (male), gold plated

Dimensions

Length	CBL-8K-HD-1.5: 1.5 ft (0.5 m) CBL-8K-HD-3: 3 ft (0.9 m) CBL-8K-HD-6: 6 ft (1.8 m) CBL-8K-HD-9: 9 ft (2.7 m) CBL-8K-HD-12: 12 ft (3.7 m) CBL-8K-HD-16: 16 ft (5 m) CBL-8K-HD-22: 22 ft (6.7 m) CBL-8K-HD-30: 30 ft (9.1 m)
Connector Boot (HxW)	CBL-8K-HD-1.5: 0.71 in. (18 mm) x 0.36 in. (9 mm) CBL-8K-HD-3: 0.71 in. (18 mm) x 0.36 in. (9 mm) CBL-8K-HD-6: 0.71 in. (18 mm) x 0.36 in. (9 mm) CBL-8K-HD-9: 0.83 in. (21 mm) x 0.43 in. (11 mm) CBL-8K-HD-12: 0.83 in. (21 mm) x 0.43 in. (11 mm) CBL-8K-HD-16: 0.83 in. (21 mm) x 0.43 in. (11 mm) CBL-8K-HD-22: 0.83 in. (21 mm) x 0.43 in. (11 mm) CBL-8K-HD-30: 0.83 in. (21 mm) x 0.43 in. (11 mm)
Diameter	CBL-8K-HD-1.5, CBL-8K-HD-3, and CBL-8K-HD-6: 4.5 mm CBL-8K-HD-9: 6.0 mm CBL-8K-HD-12 and CBL-8K-HD-16: 8.0 mm CBL-8K-HD-22 and CBL-8K-HD-30: 9.0 mm

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Weight

CBL-8K-HD-1.5: 0.8 oz (23 g)
CBL-8K-HD-3: 1.2 oz (34 g)
CBL-8K-HD-6: 2.4 oz (68 g)
CBL-8K-HD-9: 4.8 oz (136 g)
CBL-8K-HD-12: 6.4 oz (181 g)
CBL-8K-HD-16: 8.0 oz (227 g)
CBL-8K-HD-22: 26 oz (737 g)
CBL-8K-HD-30: 33 oz (936 g)

Compliance

CE, FCC Part 15 Class B Digital Device, WEEE

Certifications

HDMI Ultra High Speed (HDMI 2.1)

Models

CBL-8K-HD-1.5

Certified HDMI® 2.1 Cable, 48 Gbps, 1.5 ft (0.5 m)

CBL-8K-HD-3

Certified HDMI® 2.1 Cable, 48 Gbps, 3 ft (0.9 m)

CBL-8K-HD-6

Certified HDMI® 2.1 Cable, 48 Gbps, 6 ft (1.8 m)

CBL-8K-HD-9

Certified HDMI® 2.1 Cable, 48 Gbps, 9 ft (2.7 m)

CBL-8K-HD-12

Certified HDMI® 2.1 Cable, 48 Gbps, 12 ft (3.7 m)

CBL-8K-HD-16

Certified HDMI® 2.1 Cable, 48 Gbps, 16 ft (5 m)

CBL-8K-HD-22

Certified HDMI® 2.1 Cable, 48 Gbps, 22 ft (6.7 m)

CBL-8K-HD-30

Certified HDMI® 2.1 Cable, 48 Gbps, 30 ft (9.1 m)

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

The specific patents that cover Crestron products are listed online at patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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HDMI

Specifications are subject to change without notice.

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