

CBL-4K-MDP-HD Series

Active Converter Cable, Mini DisplayPort to HDMI®, 18 Gbps

- > Actively converts a Mini DisplayPort source to an HDMI® output signal
- > 18 Gbps minimum TMDS bandwidth
- > Ultra high-definition 4K60 4:4:4 compatible
- > HDCP 2.2 compliant
- > Robust sculpted connectors
- > Mini DisplayPort male input connector (source end)
- > HDMI Type A male output connector (sink end)
- > Available in 6 or 12 foot (1.8 or 3.6 meter) lengths

Provides a high-performance digital AV interface cable that converts a Mini DisplayPort source to an HDMI® output signal. It enables a laptop or other AV source with a Mini DisplayPort type output to be connected to any device with an HDMI type input. Each connector features a robust sculpted boot for easy handling.

Note: The cables are one-way directional. They cannot be connected in reverse, and cannot be used to convert HDMI to Mini DisplayPort.

SPECIFICATIONS

Performance

Functionality: Active, directional Mini DisplayPort to HDMI converter cable
Bandwidth: 18 Gbps TMDS
Resolutions: Up to 4096 x 2160 @ 60Hz (DCI 4K60)
Color Sampling: 4:4:4 @ 24 bit color depth, 4:2:2 @ 36 bit color depth
HDCP: HDCP 2.2

Note: Passes HBR audio and EDID

Connections

IN> (Source): (1) Mini DisplayPort connector, male, gold plated, Mini DisplayPort input
OUT> (Sink): (1) HDMI Type A connector, male, gold plated, HDMI output

Power

DisplayPort powered

Composition

Cable Construction:

CBL-4K-MDP-HD-6: 30 AWG conductors, double shielded;
CBL-4K-MDP-HD-12: 28 AWG conductors, double shielded

Outer Jacket Material: PVC, black

Connector Boot Material: ABS shell, soft PVC strain relief, black



Dimensions

Cable Length: CBL-4K-MDP-HD-6: 6 ft (1.83 m);
CBL-4K-MDP-HD-12: 12 ft (3.66 m);
nominal including connector boots

Cable Outer Diameter: CBL-4K-MDP-HD-6: 0.24 in (6 mm) nominal;
CBL-4K-MDP-HD-12: 0.28 in (7 mm) nominal

Connector Boot Dimensions:

Mini DisplayPort: 0.50 x 0.89 x 1.79 in (12.6 x 22.5 x 45.3 mm) HWL
HDMI: 0.50 x 0.89 x 1.65 in (12.6 x 22.5 x 41.8 mm) HWL

Compliance

CE, FCC Part 15 Class B Digital Device

MODELS

Available Models

CBL-4K-MDP-HD-6: Active Converter Cable, Mini DisplayPort to HDMI®, 18 Gbps, 6 ft (1.8 m)
CBL-4K-MDP-HD-12: Active Converter Cable, Mini DisplayPort to HDMI®, 18 Gbps, 12 ft (3.6 m)

CBL-4K-MDP-HD Series Active Converter Cable, Mini DisplayPort to HDMI®, 18 Gbps

Notes:

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

The specific patents that cover this and other Crestron products are listed online at <https://www.crestron.com/legal/patents>.

Certain Crestron products contain open source software. For specific information, visit <https://www.crestron.com/opensource>.

Crestron and the Crestron logo are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. HDMI is either a trademark or registered trademark of HDMI Licensing LLC in the United States and/or other countries. Other trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. Crestron is not responsible for errors in typography or photography. Specifications are subject to change without notice. ©2018 Crestron Electronics, Inc.

