

CBL-4K-DP-HD Series

Active Converter Cable, DisplayPort to HDMI®, 18 Gbps

- > Actively converts a 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
- > 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 DisplayPort source to an HDMI® output signal. It enables a laptop or other AV source with a 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 DisplayPort.

SPECIFICATIONS

Performance

Functionality: Active, directional 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) DisplayPort connector, male, gold plated, DisplayPort input

OUT> (Sink): (1) HDMI Type A connector, male, gold plated, HDMI output

Power

DisplayPort powered

Composition

Cable Construction:

CBL-4K-DP-HD-6: 30 AWG conductors, double shielded;

CBL-4K-DP-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-DP-HD-6: 6 ft (1.83 m);

CBL-4K-DP-HD-12: 12 ft (3.66 m);

nominal including connector boots

Cable Outer Diameter: CBL-4K-DP-HD-6: 0.24 in (6 mm) nominal;

CBL-4K-DP-HD-12: 0.28 in (7 mm) nominal

Connector Boot Dimensions: 0.50 x 0.89 x 1.65 in (12.6 x 22.5 x 41.8 mm) HWL each

Compliance

CE, FCC Part 15 Class B Digital Device

MODELS

Available Models

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

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

