

DVI (HDMI2.0) to DP1.2 1.8m Converter Cable

CAB-213 provides a DVI (HDMI2.0) Male to DP Male 1.8m converter cable.

1. Features

HDMI2.0 Receiver

- Compliant to HDMI2.0 Standard
- Support 3D Video Data Stream
- Support HDCP1.4/2.2 / Support HDR
- Support Resolution up to 4Kx2K@60Hz
- Support 8/10/12-bit Deep color
- Support DDC and CEC / Support Hot-Plug Detect
- Support Status and Control Data Channel (SCDC)
- Support Data Lane Swap and Polarity Swap
- Build-in Pattern Generation

DP1.2 Transmitter

- Compliant to VESA DP1.2 Standard
- Support Four Lanes with 1.62Gbps (RBR), 2.7Gbps (HBR) or 5.4Gbps (HBR2) Data Rate
- Support Resolution up to 4Kx2K@60Hz
- Data Lane and Polarity Swapping
- Support HDCP1.3 Encryption
- Support 8/10/12-bit Deep Color
- Support Hot-Plug Detect
- 3-level Current Ability Advertise (Host Mode) or Detection



2. General Description

For HDMI input, CAB-213 features a HDMI2.0 receiver with 1 clock lane and 3 data lanes operating at maximum 6Gb/s per data lane and a maximum input bandwidth of 18Gb/s, allowing resolution up to 4Kx2K@60Hz for RGB format. The converter also integrates a DDC controller and supports both HDCP1.4 and HDCP2.2.

For DP1.2 output, it consists of 4 data lanes, supporting RBR (1.62Gbps), HBR (2.7Gbps) and HBR2 (5.4Gbps) link speeds. The build-in optional SSC function reduces EMI effect on EMI-concerned

3. Applications

Mobile systems, VR/AR

Cellular handsets, PAD/Tablets

Digital video cameras and Digital still cameras

- -40°C to 70°C Ambient Operation Temperature Range / ESD HBM 4.0 kV
- Support DP / MDP port of TV / Monitor
- Easy to install , Plug & Play, Power free
- Contents: DVI Male to DP Male 1.8m converter cable
- Dimension :1.8m Cable Weight : 130g~160g g include cable