

DVI to DP1.2 Convertor

DDS-213-P provides a DVI Male to DP Female converter cable.

1. Features

DVI (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, DDS-213-P features a DVI (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 Female converter cable with 15 cm cable
- Dimension :48*45*15 (mm) +15cm Cable Weight : 45g~60g include cable