

DVI to USB Type-C 1.8m Cable

CAB-207



Features

DVI1.1 Receiver Compliant

Support 3D Video Data Stream

Support HDCP1.4

Support HDR

Support Resolution up to 1080P

Support 8/10/12-bit Deep color

Support DDC

Support Hot-Plug Detect

Support Status and Control Data Channel (SCDC)

Support Data Lane Swap and Polarity Swap

Build-in Pattern Generation DP1.1 Transmitter

Compliant to VESA DP1.1 Standard

Data Lane and Polarity Swapping

Power Free

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 1080P

General Description

The CAB-207 is DVI1.1 to Type-C Alternate Mode switch with internal DP1.2 converter. For HDMI input, CAB-207 features a DVI1.1 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@30Hz 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 system application. In order to be adaptable to the latest USB Type-C ecosystem, CAB-207 integrates a high performance bidirectional Super-Speed switch controlled by CC logic and PD management unit to relieve mobile system design complexity and BOM cost. The switch function is compliant with VESA DP Alternate Mode on USB Type-C Standard.

DVI male to USB Type-C male with 1.8m cable

Applications:

Mobile systems, VR/AR

Cellular handsets, PAD/Tablets

Digital video cameras and Digital still cameras

Temperature Range: -40°C to +85°C