



Z01

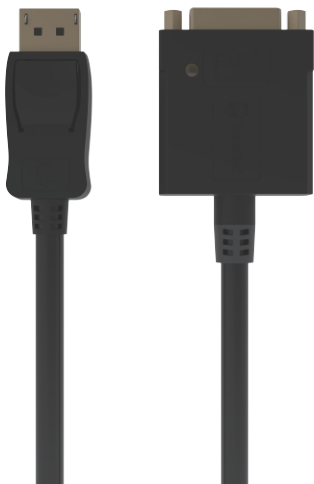
DP 1.2a – DVI Female Adapter

Product number:7.08

Summary

Z01 is a DP male to DVI female adapter designed for the professional audio and video industry with a cable length of 25cm. It uses an active conversion chip with a transmission rate of 18Gbps and has a maximum resolution of 3840x2160@60Hz. The 28AWG cable is made with multi-strand tinned copper wire with three-layer shielding, metal tinplate connector, and 15 μ gold-plated pins make connections stable and reliable. This product meets and exceeds the demands of repeated use in rental and staging applications.

Product view



DP-DVI front



DP-DVI side

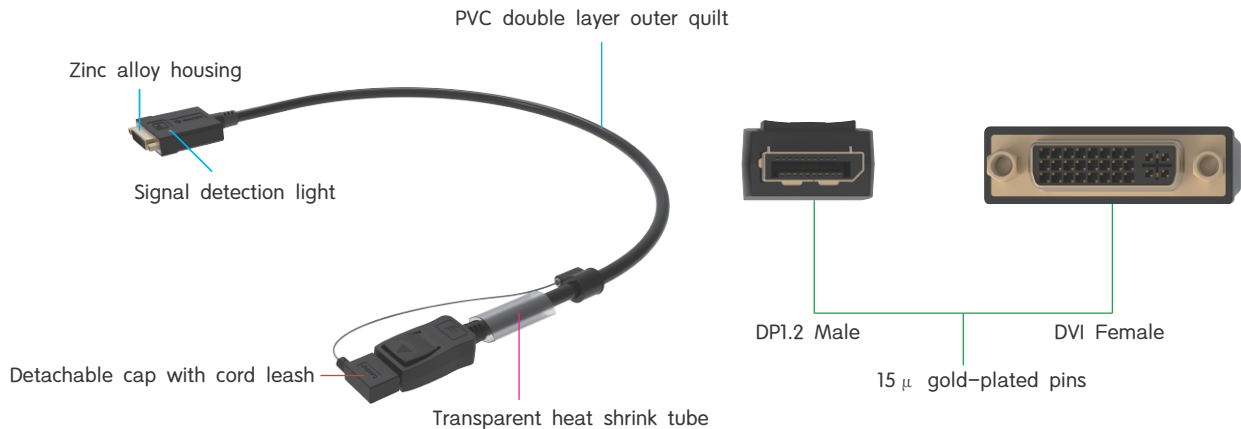


DP-DVI interface

Technical Characteristics

- ◆ DP 1.2-male to DVI-female adapter with a length of 25cm.
- ◆ Uses active conversion and signal EQ level adjustment.
- ◆ Input supports DP 1.2 and output supports SL-DVI/ HDMI 2.0.
- ◆ Maximum transmission rate of 18Gbps, supporting resolutions up to 3840x2160@60Hz 4:4:4.
- ◆ Dual-layer PVC outer jacket and 28AWG multi-strand tinned copper wire.
- ◆ Three-layer shielding structure and 85% copper weaving shielding rate
- ◆ Reinforced tinplate DP connectors and zinc alloy housing for reliability
- ◆ Increased durability with 15 gold-plated pins and protective cap.
- ◆ Suitable for repeated deployment in the rental and staging market.

Product Details



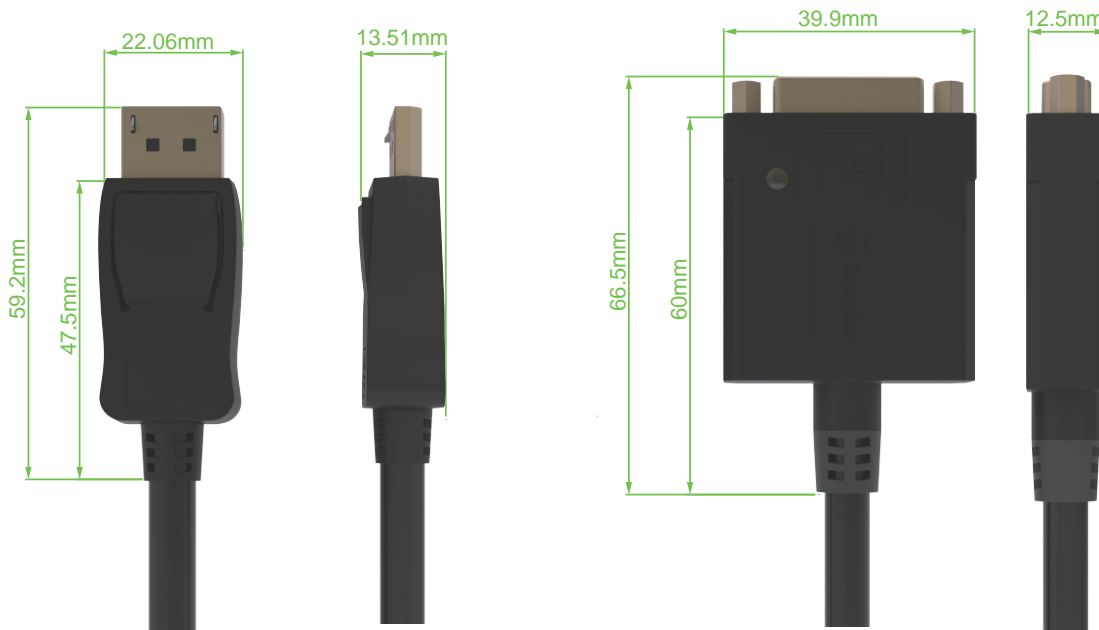
Product parameter

Name	Parameter
Signal Type	DP1.2-HDMI 2.0
Conversion Method	Active
Input Connector Type	DP Male

Name	Parameter
Output Connector Type	DVI Female
Length	25CM
Indicator LED	Signal indicator LED
Environmental Info	RoHS 2.0 Compliant
Connector Gold Plating	Shell: 3μm; Pins: 15μm
Connector Dimensions	DP:59.2*22*13.5mm; DVI母:66.5*40*12.5mm
Connector Structure (DP)	Plug plate + Inner mold + Shielding case + Copper foil + SR outer mold + Shell + Protective cap
Connector Structure (DVI)	Active PCB board + SR outer mold + Shell + Screw socket
Internal Mold (DP)	Transparent PE material
Shielding Case (DP)	Upper and lower assembled metal case
Copper Foil (DP)	Double-sided conductive copper foil
SR Outer Mold	45P black PVC injection mold
Shell(DP)	45P PVC injection molded shell (UL, RoHS)
Shell(DVI)	Zinc alloy mold sleeve shell
Lockable Screw (DP)	Standard DP press-style locking mechanism
Screw Socket(DVI)	Standard DVI female
Protective Cap	Detachable cap with cord leash
Cable Body Components	Conductor + Copper foil + Mylar + Braid + Jacket
Conductor Material	Stranded tinned copper
Conductor Diameter	28AWG
Shielding Rate	16*10 braided copper wire
Jacket Material	7 mesh 85% shielding rate
Jacket Material	90P PVC (UL, RoHS)
Cable Diameter	7.5MM
Cable Color	Fluorescent black
EDID	Yes
DDC channel	Yes
HDMI audio	Yes
3D	Yes
HDCP	Yes
HDR	Yes
XvYCC Color Space	Yes
ESD	Yes
Compatibility	Backward Compatible with DPI.1/ 1.0
Supported Resolutions	3840 x 2160@60Hz
Clock Bandwidth	600MHz*3
Transmission rate	18Gbps
Plug and play	Yes
Delay	Zero
Deep Color	Yes
Sampling Rate	RGB 4:4:4、YUV 4:4:4、YUV 4:2:2、YUV 4:2:0
Compression	None
Electrical Test (Voltage)	Voltage: DC 300V

Name	Parameter
Impedance Test (Insulation)	Insulation resistance: $\geq 10M\Omega$
Impedance Test (Continuity)	On-resistance: $\leq 2\Omega$
Tensile Strength	$\leq 200N$
Bending angle	120°
Operating Temperature	$-30^\circ C \sim 75^\circ C$

Dimensional drawing



- Connector Dimensions(DP) 59.2*22*13.5mm
- Connector Dimensions(DVI) 66.5*40*12.5mm
- Bag Size 26*27cm
- Carton Size 46 * 33 * 26cm