



Z02

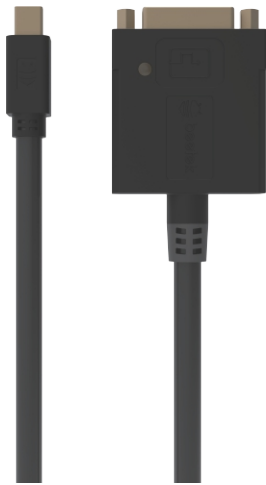
miniDP 1.2a – DVI Female Adapter

Product number:7.09

Summary

Z02 is a MiniDP to DVI adapter designed for the professional audio and video industry with a length of 25cm. It uses active conversion with a transmission rate of 18Gbps and a maximum resolution of 3840x2160@60Hz. The 30AWG cable is made with multi-strand tinned copper wire with three-layers shielding, metal tinplate connector, and 15 μ gold-plated pins, which make connections stable and reliable. This product meets and exceeds the demands of repeated use in rental and staging applications.

Product view



MiniDP1.2-DVI female front



MiniDP1.2-DVI female side

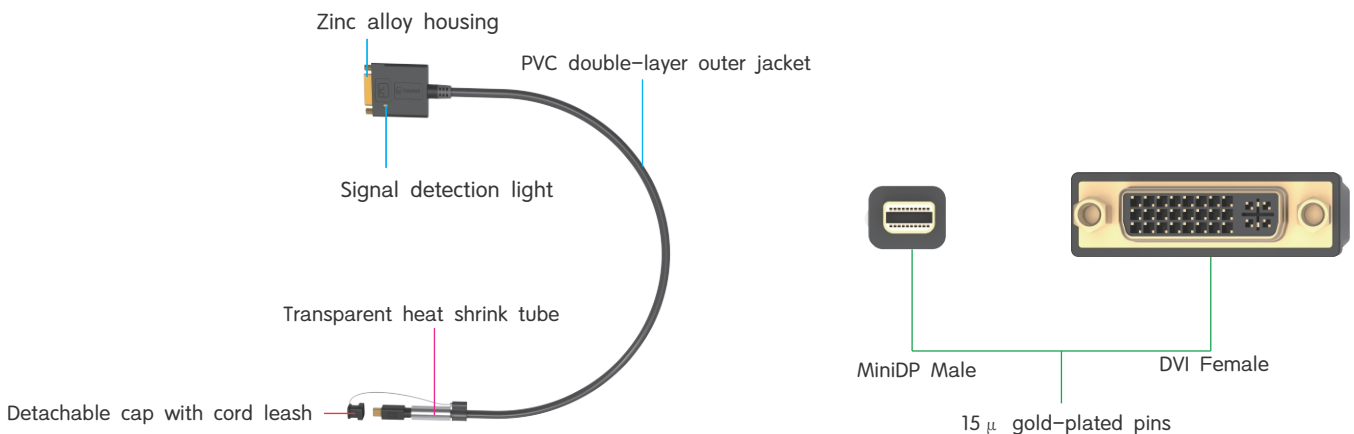


MiniDP1.2-DVI Female interface

Technical Characteristics

- ◆ MiniDP 1.2-male to DVI-female adapter with a length of 25cm.
- ◆ Uses active conversion and signal EQ level adjustment.
- ◆ The input supports DP 1.2, and the output conforms to SL-DVI/HDMI 2.0 standards.
- ◆ Maximum transmission rate of 18Gbps supporting resolutions up to 3840x2160@60Hz 4:4:4.
- ◆ Dual-layer PVC outer jacket and 30AWG multi-strand tinned copper wire.
- ◆ Three-layer shielding structure and 85% copper weaving rate.
- ◆ Injection-molded MiniDP connectors and zinc alloy housing provide reliable connections.
- ◆ Increased durability with 15 gold-plated pins and protective cap.
- ◆ Suitable for repeated mobile use in the rental and staging market.

Product Details



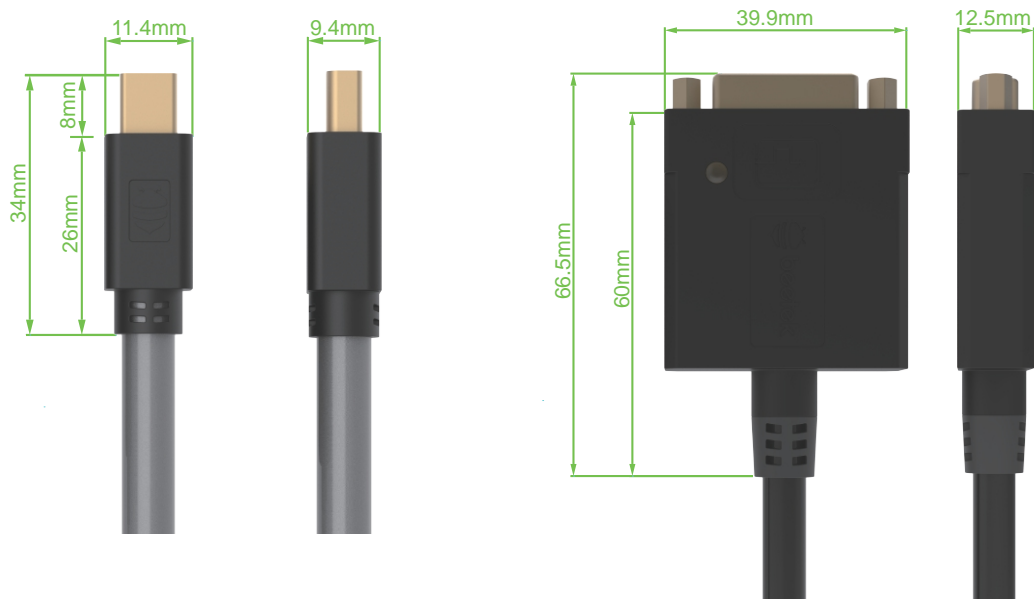
Product parameter

Name	Parameter
Signal Type	DP1.2-HDMI 2.0
Conversion Method	Active
Input Connector Type	miniDP 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: 3 μ m; Pins: 15 μ m
Connector Dimensions	miniDP: 34*9.4*13.5mm; DVI: 66.5*40*12.5mm
Connector Structure (miniDP)	Plug plate + Inner mold + Copper foil + Shell + Protective cap
Connector Structure (DVI)	Active PCB + SR outer mold + Shell + Screw socket
Internal mold (miniDP)	Transparent PE material
SR Outer Mold (DVI)	45P black PVC injection mold
Copper foil (miniDP)	Double-sided conductive copper foil
Shell(miniDP)	45P PVC injection molded shell (UL, RoHS)
Shell(DVI)	Zinc alloy mold sleeve shell
Screw Socket (DVI)	Standard DVI female
Protective Cap	Detachable cap with cord leash
Components	Conductor + Copper foil + Mylar + Braid + Jacket
Conductor Material	Stranded tinned copper
Conductor Diameter	30AWG
Braid Material	16*10 braided copper wire
Shielding Rate	7 mesh 85% shielding rate
Jacket Material	90P PVC (UL, RoHS)
Cable Diameter	6.0MM
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 DP1.1/ 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
Impedance Test (Insulation)	Insulation resistance: $\geq 10M\Omega$
Impedance Test (Continuity)	On-resistance: $\leq 2\Omega$

Name	Parameter
Tensile Strength	≤200N
Bending angle	120°
Operating Temperature	-30℃~75℃

Dimensional drawing



- Connector Dimensions(DVI Female) 66.5*40*12.5mm
- Connector Dimensions(miniDP Male) 34*9.4*13.5mm
- Bag Size 26*27cm
- Carton Size 46 * 33 * 26cm