

DVI Hybrid Active Optical Cable DVFC-100



Descriptions

New active optical DVI cable, DVFC-100 is designed compact enough to be fitted into various installation environments. DVFC-100 enables to transmit WUXGA (1920x1200) or 1080p at 60Hz (4K 30Hz) DVI signal up to 150m (492feet) over hybrid cable, avoiding any tricks such as scaling or data compression for lessening a burden of data transmission.

The DVFC-100 gives slim, light, easy installation like a general copper DVI cable. With low power consumption technology in OPTICIS, the DVFC-100 can be operated by DDC 5V in DVI port without any external DC power or USB power.

It supports EDID, HDCP (High Definition Contents Protection) for better installation flexibility and compatibility.

Specification

- Extends WUXGA (1920x1200) at 60Hz or 1080p at 60Hz (36bit, 3.4 Gbps/ch)
- Transmits DVI data up to 150m (492feet) over Hybrid cable
- Operated by DVI source without external power
- Supports HDMI1.4, 36bit color depth (4K 30Hz)
- Compact design of end connector allows direct connection to the host video card and display
- Complies with EDID, HDCP
- Certifications: FCC / CE

Applications

- Home AV
- Digital Signage
- Control room, Rental Staging
- Conference room
- Any High-definition display application

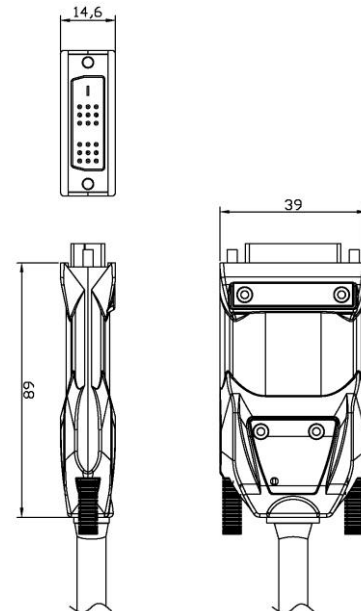
DVI Hybrid Active Optical Cable DVFC-100

Technical Features

Resolution	Up to WUXGA or 1080p at 60Hz, 36bit (4K 30Hz)
Bit rate	Up to 3.4 Gbps / ch
Maximum distance	150m (492feet) @WUXGA, 60Hz
Cable	Hybrid Cable (Optical fiber + Copper cable)
Power supplying	DVI source
LED Indicators	Tx / Rx Power (Blue LED)
Power consumption	< 0.4W
Operating temperature	0°C to 50°C
Dimensions (LWH)	68 x 39 x 14.6 mm

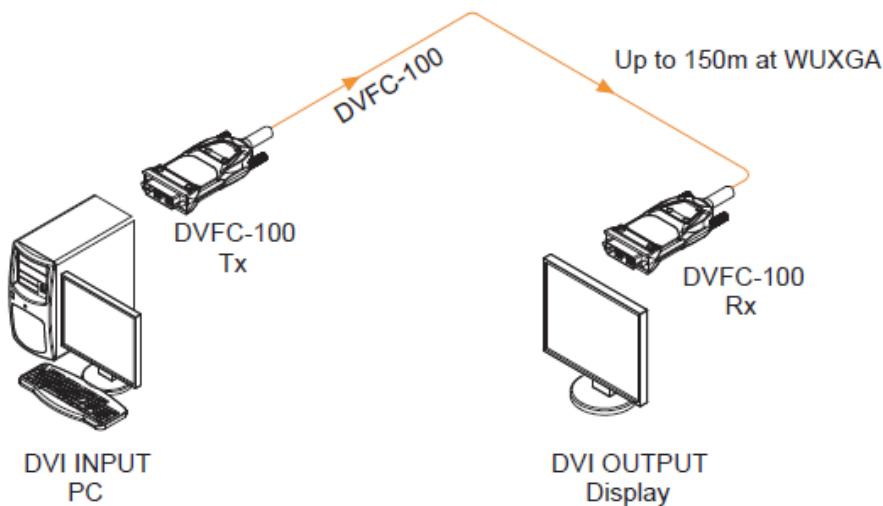
Dimension

[Unit: mm]



Dimensions (LWH): 68 x 39 x 14.6mm

Connection Diagram



OPTICIS HQ

Opticis Co., Ltd.
 # 16Fl, Kins Tower
 8 Sungnam-daero, 331 beon-gil,
 Bundang-gu
 Sungnam-si, Gyunggi-do, 13558
 South Korea
 Te l: +82 (31) 719-8033
 Fax: +82 (31) 719-8032
www.opticis.com
 tosales@opticis.com



All contents are subject to be changed without prior notice.