

## HDMI 1.4 ACTIVE OPTICAL CABLE, HDFO-100



### Descriptions

New active optical HDMI cable, HDFO-100 is designed compact enough to be fitted into various installation environments. The HDFO-100 enables to transmit WUXGA (1920x1200) or 1080p at 60Hz signal up to 50m (164feet) over hybrid cable, avoiding any tricks such as scaling or data compression for lessening a burden of data transmission.

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

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

### Specification

- Extends WUXGA (1920x1200) at 60Hz or 1080p at 60Hz (36bit, 3.4 Gbps/ch)
- Transmits HDMI data up to 50m (164feet) over Hybrid cable. (ARC mode: 20m)
- Operated by HDMI source without external power
- Supports 3D contents transmission
- Supports HDMI1.4, 36bit color depth
- Supports Audio Return Channel (ARC).
- Complies with CEC, EDID, HDCP
- Certifies FCC and CE standards for EMI/RFI emission

### Applications

- Home AV
- Digital Signage
- Control room
- Conference room

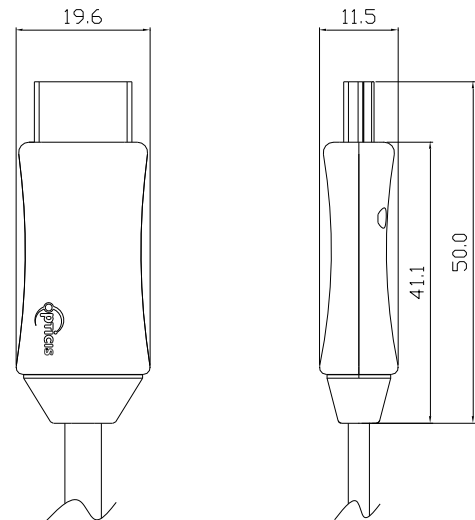
# HDMI 1.4 ACTIVE OPTICAL CABLE, HDFC-100

## Technical Features

Resolution	Up to WUXGA or 1080p at 60Hz, 36bit
Bit rate	Up to 3.4 Gbps / ch
Maximum distance	50m (164feet) @WUXGA, 60Hz
Cable	Hybrid Cable (Optical fiber + Copper cable)
Power supplying	HDMI source
LED Indicators	TX / RX Power
Power consumption	< 0.4W
Size (WDH)	19.6 x 50 x 11.5 mm
Operating temperature	0 ~ 50℃

## Dimension

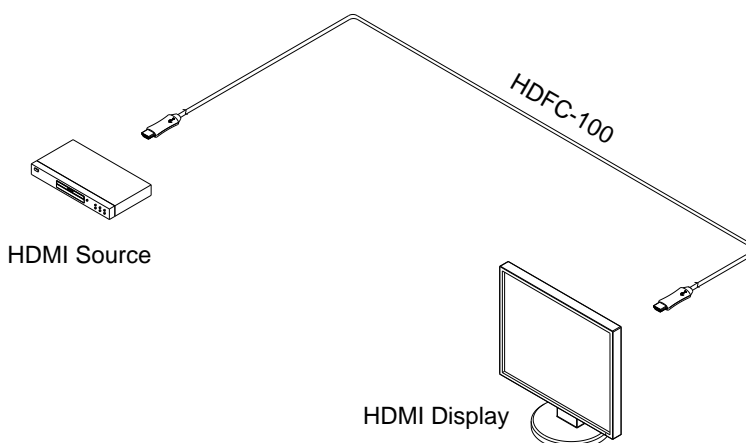
[Unit: mm]



Size (WDH): 19.6 x 50 x 11.5mm

## Connection Diagram

Up to 50m at WUXGA (1920x1200) @ 60Hz



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