



**4K** **60**

# *4K(UHD) over Optical Fiber*

***4K60P Displayport 1.2***  
***4K60P HDMI 2.0***

***Optical Fiber Cable/Extender***  
***Displayport 1.2 Power Repeater***  
***Displayport 1.2 to HDMI 2.0 Converter***  
***Displayport 1.2/HDMI 2.0 Converting Splitter***



# OPTICAL DIGITAL INTERFACE

## 4K Displayport 1.2 Extender & Cable

### FTDS

#### DisplayPort 1.2 4K Optical Fiber Extender

##### Features

- High Speed and long distance transmission by optical system
- Compatible with DisplayPort-V1.2a standard by VESA
- Supporting resolution up to 4K UHD (3840x2160@60Hz)
- Extends up to 200meter (OM3 Optical Fiber)
- Detachable type of Extender module
- Supports 50-micron OM3 or OM4 Fiber with an SC Connector
- HBR2(High Bit Rate) compliant(up to 5.4Gbps data rate)
- MST mode, HDCP(DPCP) compliant
- External power supply use(TX, RX)



### DPM2

#### DisplayPort 1.2 4K Optical Fiber Cable

##### Features

- High speed and long distance transmission by optical fiber cable
- Compatible with DisplayPort-V1.2a standard by VESA
- Supporting resolution up to 4K UHD (3840x2160@60Hz)
- Extends up to 40meter
- MMF optical fiber + copper hybrid cable structure
- HBR2(High Bit Rate) cable assembly(up to 5.4Gbps data rate)
- AUX and Hot Plug channels are transmitted by copper line
- MST mode, HDCP(DPCP) compliant
- Power operation LED installed



# OPTICAL DIGITAL INTERFACE

## 4K HDMI 2.0 Extender & Cable

### FTHS

## HDMI 2.0 4K Optical Fiber Extender

### Features

- High Speed and long distance transmission by optical system
- Compatible with digital video and audio of HDMI-V2.0 standard
- Supporting resolution up to 4K UHD (4096x2160@60Hz)
- Extends up to 200meter (OM3 Optical Fiber)
- Detachable type of Extender module
- Supports 50-micron OM3 or OM4 Fiber with an SC Connector
- SCDC compliant
- Supports HDCP(Rev 2.2) by DDC channel
- External power supply use(TX, RX)



### HDMB2

## HDMI 2.0 4K Optical fiber cable

### Features

- High speed and long distance transmission by optical fiber cable
- Compatible with digital video and audio of HDMI-V2.0 standard
- Supporting resolution up to 4K UHD (4096x2160@60Hz)
- Extends up to 40meter
- MMF optical fiber + copper hybrid cable structure
- E-EDID and Hot Plug channels are transmitted by copper line
- CEC, SCDC compliant
- Supports HDCP(Rev 2.2) by DDC channel
- Power operation LED installed
- External power supply use(TX)



# OPTICAL DIGITAL INTERFACE

4K Displayport 1.2 / HDMI 2.0

## DP-100 DisplayPort 1.2 4K Repeater

### Features

- Supports DP v1.1a and DP v1.2 Signaling Including HBR2 Data Rates to 5.4Gbps
- DisplayPort Connector Input/Outputs : 20-pin female.
- Supports resolutions of up to 3840x2160@60Hz.
- DPCD signal compliant
- External power supply need for proper operation
- Quick and easy to use.



## DPH DisplayPort 1.2 to HDMI 2.0 4K Converter

### Features

- Compliant with DisplayPort Specification 1.2a
- Compliant with HDMI Specification 2.0
- Supports full link training
- Supports multiple color formats
- Displayport : RGB 6/8/10/12 bpc  
YCbCr 4:4:4, YCbCr 4:2:0 8/10/12 bpc
- HDMI : RGB 8/10/12 bpc  
YCbCr 4:4:4: YCbCr 4:2:2 and YCbCr 4:2:0 8/10/12 bpc



## DPHS DisplayPort 1.2/HDMI 2.0 Converting Splitter

### Features

- Input selection Displayport or HDMI port (slide switch)
- Output : HDMI x 4
- Max Resolution : 4K2K 60p
- Supports Displayport 1.2a
- Supports HDMI 1.4 / 2.0
- Compliant with HDMI 2.0, data rate up to 6Gbps
- Supports TMDS scrambling for EMI / RFI reduction
- Supports HDCP 1.4 / 2.2 for repeater



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