

## HDMI 8K60Hz Hybrid Active Optical Cable (AOC)

Model No. WST-FHH8K010-100



## Introduction

The WST-FHH8K series combines fiber optic and copper signal transmission technology to provide stable audio and video transmission. This series supports a high bandwidth of 48Gbps and resolutions up to 8K60Hz, delivering an enhanced audio-visual experience. It also supports Dynamic HDR, VRR (Variable Refresh Rate), QFT (Quick Frame Transport), QMS (Quick Media Switching), ALLM (Auto Low Latency Mode), and eARC (Enhanced Audio Return Channel). These features make it suitable for various applications such as home theaters, sports bars, medical facilities, experiential displays, or news broadcasting. Whether you are enjoying a movie at home or conducting a professional presentation in the office, the WST-FHH8K series provides the best audio-visual experience for you.

## Key Features

Supports maximum bandwidth of 48Gbps

Supports resolutions of 8K@60Hz / 4K@120Hz / 2K@120Hz / 1080p@120Hz

Supports HDCP 1.4 / 2.2 / 2.3

Supports Dynamic HDR, VRR, ALLM, QFT, QMS

Supports eARC, only for models within 20 meters in length

## Package Contents

HDMI 8K60Hz Hybrid Active Optical Cable (AOC) x 1

# Specification Sheet

## Product Family

Model No.	WST-FHH8K010	WST-FHH8K015	WST-FHH8K020	WST-FHH8K030	WST-FHH8K040
Length	10 m	15 m	20 m	30 m	40 m
Model No.	WST-FHH8K050	WST-FHH8K060	WST-FHH8K070	WST-FHH8K100	
Length	50 m	60 m	70 m	100 m	

## Specifications

<b>Connector</b>	
Connector A	HDMI Type-A Male
Connector B	HDMI Type-A Male
Connector Plating	Gold Plated
Pin Plating	Gold Plated
<b>Housing</b>	
Housing Material	Zinc Alloy
Size W x D x H	17.68 x 33.5 x 11.16mm
<b>Cable Construction</b>	
Jacket Material	PVC
Jacket Color	Black
Jacket Diameter	4.5mm
Conductor Material	Tinned Copper
Pinout	Full 19 pins
<b>Technical Specifications</b>	
Supported Bandwidth	48Gbps
Supported Resolutions	7680x4320@60Hz / 3840x2160@120Hz / 3840x2160@60Hz / 2560x1440@120Hz / 2560x1440@60Hz / 1920x1080P@120Hz / 1920x1080P@60Hz / 1920x1080P@3D
Supported Color Depth	8 / 10 / 12 / 16 bit
Minimum Bend Radius	20mm
Lengths	10m / 15m / 20m / 30m
Chipset	Yes
Country of Origin	China
<b>Environment</b>	
Operating Temperature	0°C ~ 55°C
Storage Temperature	-10°C ~ 60°C
<b>Package</b>	

# Specification Sheet



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Package Style	Box
Barcode EAN	4710582481253 / 4710582481260 / 4710582481277 / 4710582481284 / 4710582481390 / 4710582481406 / 4710582481413 / 4710582481420 / 4710582481437
<b>Certification</b>	
Safety & Emission	RoHS / REACH / CE / FCC / UL

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