

8K60Hz Hybrid Fiber Optic Cable

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 bandwidth up to 48Gbps
- Supports resolutions up to 8K@60Hz
- Supports HDCP 2.3 / 2.2 / 1.4
- Supports Dynamic HDR
- Supports VRR (Variable Refresh Rate), ALLM (Auto Low Latency Mode), QFT (Quick Frame Transport), and QMS (Quick Media Switching)
- Supports eARC (Enhanced Audio Return Channel), available on models up to 20m only
- Delivers uncompressed audio and video quality
- Zinc alloy housing design enhances durability and improves heat dissipation
- 24K gold-plated connectors and contact pins ensure greater durability and reliable signal transmission
- Excellent EMI resistance
- Taiwan-made chipset for reliable and stable performance)

Package Contents

8K60Hz Hybrid Fiber Optic Cable x 1

Product Family

Item No.	Length	Item No.	Length	Item No.	Length
WST-FHH8K010	10M	WST-FHH8K030	30M	WST-FHH8K060	60M
WST-FHH8K015	15M	WST-FHH8K040	40M	WST-FHH8K070	70M
WST-FHH8K020	20M	WST-FUH8K050	50M	WST-FHH8K100	100M



Specifications

Connector	
Connector A	HDMI Type-A (Male)
Connector B	HDMI Type-A (Male)
Connector Plating	Gold Plated
Pin Plating	Gold Plated
Housing	
Housing Material	Zinc Alloy
Size W x D x H	17.68 x 33.5 x 11.16mm
Cable Construction	
Jacket Material	PVC
Jacket Color	Black
Jacket Diameter	4.5mm
Conductor Material	Tinned Copper
Pinout	Full 19 pins
Technical Specifications	
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 / 16bit
Minimum Bend Radius	20mm
Lengths	10m / 15m / 20m / 30m / 40m / 50m / 60m / 70m / 100m
Chipset	Yes
Country of Origin	China
Environment	
Operating Temperature	0° C ~ 55° C
Storage Temperature	-10° C ~ 60° C
Package	
Package Style	Box
Barcode EAN	4710582481253 / 4710582481260 / 4710582481277 / 4710582481284 / 4710582481390 / 4710582481406 / 4710582481413 / 4710582481420 / 4710582481437
Certification	
Safety & Emission	RoHS / REACH / CE / FCC / UL



- 1 Pin Plating – Gold**
High conductivity and corrosion resistance, ensuring stable transmission and repeated plugging durability.



- 2 Connector Plating – Gold**
Oxidation-resistant and wear-resistant, enhancing durability and stability.



- 3 Zinc Alloy Housing**
Sturdy and durable, with efficient heat dissipation, offering both premium texture and protection.



- 4 Jacket – PVC**
Flexible, tensile, and wear-resistant, suitable for various installation environments.

- 5 Minimum Bend Radius**
Minimum bend radius 20mm, for more flexible installation and extended cable life.

20mm

