48Gbps Ultra High Speed HDMI 2.1 **Optical Fiber Cable**

AHU-xxxM

- Ultra High Speed HDMI® cable ATC certified
- 8K60Hz/4K120Hz (48Gbps) transmission
- Available lengths: 7.5/10/15/20 meters
- Lightweight and soft cable wire (allowable bending radius 45mm)
- Noise free (excellent electromagnetic compatibility)



Introduction

The AHU is a series of certified Ultra High Speed HDMI AOC Cable, transmitting 48Gbps video signal for support of all the latest HDMI 2.1 specifications including 8K@60Hz/ 4K@120Hz. The series come with the cable length of 7.5, 10, 15 and 20 meters.

The AHU is suitable for home theater, game event, video production studio, medical sites, etc. where the application requires a long distance 8K video transmission.

■ Ultra High Speed HDMI® cable certification



The OR code label assigned with an unique authorized certificate number.

Noise free (excellent electromagnetic compatibility)

The AHU connectors utilize a zinc alloy shell which ensures a robust strength and excellent EMC compatibility.



Zinc Alloy shell ensures excellent electromagnetic compatibility

Lightweight and soft cable (minimum allowable bending radius 45mm)

The AHU cable utilizes a light and soft cable wire (only 310g with 10 meters), which make it easy to carry, resulting a stress less to the HDMI conectors of connecting devices during the installation.

Product Specification

Model Length (m) Connector Source HDMI A Type Sink HDMI A Type Connector Dimension Cable Type Active (4 GOF, 7 Copper) Max Transmission Speed HDCP Passthrough Yes HEC EARC PSC External Power No Max Power Consumption Cable Diameter Bending Radius Cable Direction Max Resolution Operating & Storage Humidity Source HDMI A Type Active (4 GOF, 7 Copper) HEC (4 GOF, 7 Copper) Active (4 GOF, 7 Copper) HEC (4 GOF, 7 Copper) HEC (4 GOF, 7 Copper) Active (4 GO	<u> </u>			
Connector Source Sink HDMI A Type Connector Dimension Cable Type Active (4 GOF, 7 Copper) Max Transmission Speed HDCP Passthrough (2.3) Dynamic HDR Yes HEC Yes eARC Yes External Power No Max Power Consumption Cable:Black / Conector: Gold Cable Shielded Cable Diameter Bending Radius Min 45mm Cable Tensile Cable Direction Yes Max Resolution Operating Temp / Storage Temp. Opearting & 10~80%	Model		AHU-xxxM (xxx indicate the length)	
Connector Sink HDMI A Type Connector Dimension 45mm x 20 mm x 9mm (W x H x D) Cable Type Active (4 GOF, 7 Copper) Max Transmission Speed 48Gbps HDCP Passthrough (2.3) Dynamic HDR Yes HEC Yes eARC Yes DSC Yes External Power No Max Power Consumption 0.25W Color Cable :Black / Conector : Gold Cable Diameter 4.5mm ±0.2 mm Bending Radius Min 45mm Cable Tensile 230N (23kgf) Cable Direction Yes Max Resolution 8K60Hz / 4K 120Hz Operating Temp / Storage Temp. Opearting & 10~80%	Length (m)		7.5 / 10 / 15 / 20	
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Cable Tensile 230N (23kgf) Cable Direction Yes Max Resolution 8K60Hz/ 4K 120Hz Operating Temp / Storage Temp. Opearting & 10~80%	Cable Diameter		4.5mm ±0.2 mm	
Cable Direction Yes Max Resolution Operating Temp / Storage Temp. Opearting & 10~80%	Bending Radius		Min 45mm	
Max Resolution 8K60Hz/ 4K 120Hz Operating Temp / Storage Temp. Opearting & 10~80%	Cable Tensile		230N (23kgf)	
Operating Temp / Storage Temp. Opearting & 10~80%	Cable Direction		Yes	
Storage Temp. 0°C~50°C / -40°C~70°C Opearting & 10~80%	Max Resolution		8K60Hz/ 4K 120Hz	
Storage Temp. Opearting & 10~80%	Operating Temp /		0°C~50°C / -40°C~70°C	
10~80%	Storage Temp.			
StorageHumidity 10~80%	Opearting &		10~80%	
	StorageHumidity			
1 year	Warranty		1 year	
(only for the chip inside the connector)			(only for the chip inside the connector)	
Certificate FCC / CE / RoHS / ATC (HDMI 2.1)	Certificate		FCC / CE / RoHS / ATC (HDMI 2.1)	

The latest information and the detailed product specifications are available at http://шшш.ad-techno.com/en/

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ADTECHNO

3F., 3-29, Ichigayahonmuracho, Shinjyuku-Ku, Tokyo 162-0845 Japan TEL: +81 3 5206 3330 FAX: +81 3 5206 3339

Osaka Branch

7F., Fukusima Bldg., 5-13-18 Fukushima, Fukushima-Ku, Osaka 553-0003, Japan

TEL: +TEL: +81 6 6451 0050

Taiwan Branch / Factory 3/4F., No.268, Liancheng Rd., Zhonghe Dist.,

New Taipei City 23553, Taiwan TEL:+886 8227 9136 FAX:+886 2 8227 9186