

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)

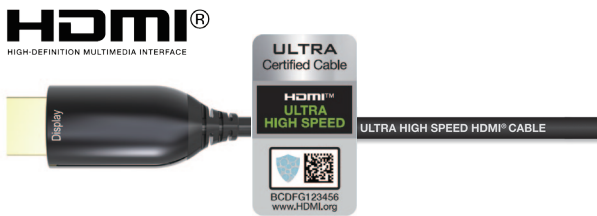


## Introduction

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 QR code label assigned with a 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 connectors of connecting devices during the installation.

## Product Specification

Model	AHU-xxxM (xxx indicate the length)	
Length (m)	7.5 / 10 / 15 / 20	
Connector	Source	HDMI A Type
	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	Shielded	
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.	0°C~50°C / -40°C~70°C	
Operating & Storage Humidity	10~80%	
Warranty	1 year (only for the chip inside the connector)	
Certificate	FCC / CE / RoHS / ATC (HDMI 2.1)	

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

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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