

MPO Detachable HDMI Fiber Cable

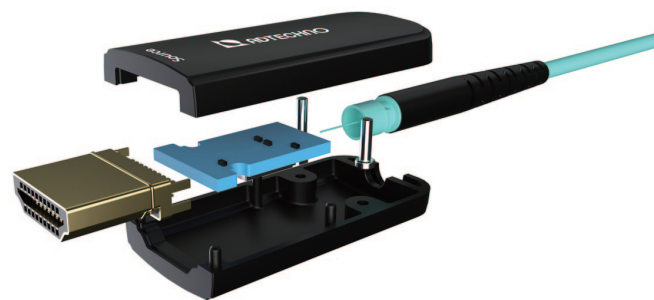
AMH-xxxM

- Excellent electromagnetic compatibility
- Lossless video transmission up to 100m
- Adoption of fiber-optic patch cables with MPO connectors
- Support 4K UHD@4:4:4 (18Gbps)
- Support HDCP (2.2/1.4)/HDR/CEC/ARC



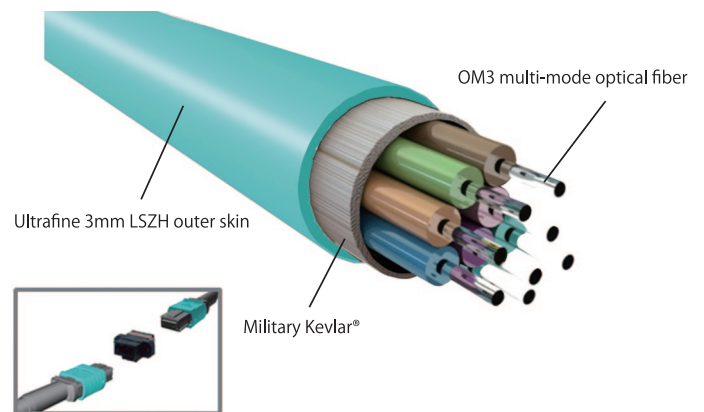
Excellent electromagnetic compatibility

The HDMI connector of AMH, which features a metal casing, boasts excellent electromagnetic compatibility, is less susceptible to external noise interference, and minimizes noise emitted from the main body. In addition, the MPO connector-equipped optical fiber patch cable uses full optical fiber transmission that does not rely on electrical signals through copper wire, making it ideal for locations that require noise reduction measures, such as medical equipment.



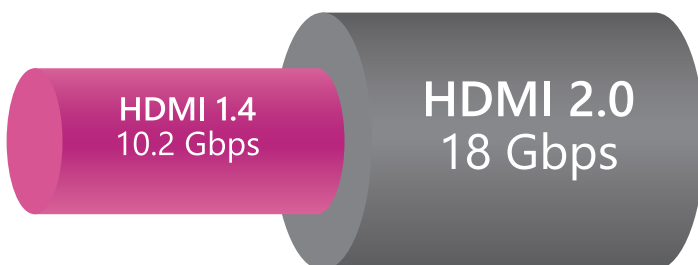
Lossless transmission up to 100 meters

With the adoption of high-performance multi-mode VCSEL lasers and OM3 standard optical fibers with low data loss, lossless video transmission is achieved. Using the MPO connector-equipped optical fiber patch cable with a multi-core fiber that allows one-touch detachment and attachment, it is possible to transmit up to 100 meters. Furthermore, the maximum size of the MPO connector is less than 13mm, making it easy to pass through narrow conduits, such as 16mm CD pipes and medical monitor arms, where standard HDMI cables (approximately 22mm in width) would be difficult to install.



Support 4K UHD@4:4:4 (18Gbps)

This cable can transmit signals up to a maximum of 4K UHD@60 4:4:4 (maximum transmission bandwidth of 18Gbps). It is also compatible with HDCP, HDR, CEC, and ARC transmissions, and can be widely used for permanent connections between sources and display devices, from business and medical use to built-in applications in remote locations.



Product Specification

[HDMI Unit]

Unit	Source	Display
Length	MPO connector fiber cable up to 100m	
HDMI connector	HDMI Type A	HDMI Type A
Fiber connector	12 Wire MPO	
Max transmission Speed	18Gbps	
HDCP	Pass through (2.3 / 2.2 / 1.4)	
HDR	Support	
CEC	Support	
ARC	Support	
External Power	-	USB Type A 5V/0.5A or more
Operation Temp/ Storage Temp	0°C~50°C / -20°C~70°C	
Relative Humidity	10~80%	
Max power consumption	0.3W	0.4W
Warranty	12 months (limited to the IC inside the connector)	

[MPO fiber cable]

Cable length	Max 100m
Cable Type	OM3
Wave length	850nm
Reflective loss	≥30dB
Number of wire	8 wires
Connector type	12 wire MPO
Connection loss	≤0.35dB
Cable color	Aqua
Cable	LSZH
Cable OD	3.0mm±0.2mm
Bending radius	30mm
Tension Strength	49N (5kgf)

[MPO Adaptor]

Connector Type	12 wire MPO
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The latest information and the detailed product specifications are available at <http://www.ad-techno.com/en/>

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