



HDMI-PRO-AOC

PROFESSIONAL 48 GBPS HDMI ACTIVE OPTICAL FIBER CABLE

The HDMI PRO AOC series are professional-grade full-bandwidth HDMI cables for installation use. The cables support HDMI 2.1 down to 1.4, for video resolutions up to 8K 60Hz 4:4:4.

The cable core of 4 multi-mode optical fibers is actively driven, drawing power from the HDMI source device. The outer shielding provides protection from electromagnetic interference.

HDMI PRO AOC cables from TiGHT AV are ideal for extending HDMI signals in demanding installations. Using the HDMI PRO AOC cables minimizes the risk for EM and RF interference and maintains the signal integrity for critical installations.

The cables are delivered with a connector pull cover, in which a pulling cable can be attached for easy installation. The available lengths are 15, 30 and 60 meters.

KEY FEATURES

- 4K/8K@60Hz 4:4:4 and full bandwidth of 48Gbps.
- Proprietary Low Power High Bandwidth Chipset.
- EMI (electromagnetic interference) protection.
- Powered by the HDMI source device. No external power supply needed.
- Connector locking mechanism for secure installation.
- Armoured for durability and strength
- Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM)
- Quick Frame Transport (QFT).
- Supports Dynamic HDR and eARC.

SPECIFICATIONS

KEY FEATURES

Models:	HDMI-M/M-AOC-15 HDMI-M/M-AOC-30 HDMI-M/M-AOC-60
Protocol specification:	HDMI 2.1 & HDMI 2.0 & HDMI 1.4
Video resolution:	Up to 8K@60Hz 4:4:4
Transmission speed:	48Gbps(12Gbps per channel)

CONNECTOR

Source:	HDMI Type A Male (Gold plated)
Display:	HDMI Type A Male (Gold plated)

CABLE

Cable specifications:	1C+(2c*30#+DA)+3C*28#+2C*24#+F+AL+B
Optical fiber specifications:	4 x Multi-mode optical fiber
Available lengths:	HDMI-M/M-AOC-15: 15 meters HDMI-M/M-AOC-30: 30 meters HDMI-M/M-AOC-60: 60 meters
Outer sheath material:	PVC
Outer sheath color:	Black
Outer diameter:	5.2 mm±0.1 mm
Cable bending radius:	6 mm
Connector max pulling strength:	150N (15kg,33lbs)
Cable max pulling strength:	500N (50kg,110lbs)

ENVIRONMENT

Operating temperature:	-20° to +70°
Storage temperature:	-40° to +80°
Safety Compliance:	CE, FCC
Environmental Compliance:	RoHS, WEEE

POWER

Input voltage:	+5V
Energy consumption:	500mW (Max)

WARRANTY

1 Year Limited Warranty

ATTENTION

Please avoid excessive bending of the optical fiber during use, please refer to the bending radius for details.



TIGHT POLICY

Faulty product - minimal down time.

Up until six months after purchase, TiGHT AV will replace your product in advance of return of faulty product.

Your investment - built to last.

All TiGHT AV Active Fiber Optic Cables comes with a one year limited warranty.

