8K HDMI Fiber Active Optical Cable (AOC) with Detachable Connectors (M/M) - 8K UHD @ 60 Hz, HDR, HDCP 2.3, Black, 10 m (33 ft.)

MODEL NUMBER: **P568FMM-10M-8K6**



8K fiber cable transmits enhanced UHD 8K video with Dynamic HDR and 4:4:4 color in home theater and digital signage applications.

Features

HDMI Cable Helps Your Gaming, Home Theater or Digital Signage Setup Get 8K-Ready
This HDMI cable (M/M) securely connects laptops, tablets, PCs, Blu-ray players, game consoles or satellite/cable TV boxes to HDTVs, HD monitors, projectors or home theater receivers. Because the cable uses optical fiber, it can transmit HDMI signals longer distances with no latency or loss.

Enjoy the Clarity of 8K Video with 7.1-Channel Surround Sound and 4:4:4 Color
The P568FMM-10M-8K6 supports UHD 8K video resolutions, 36-bit Deep Color, Dolby 7.1-channel surround sound and bandwidth up to 48 Gbps. It supports HDR (High Dynamic Range), providing a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. HDCP 2.2 encryption allows you to stream 4K content with no complications. This cable also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Take Advantage of the Most Advanced HDMI Features for Premier Picture Quality
This 8K-ready cable allows your compatible hardware to deliver up-to-date HDMI features, such as eARC (enhanced Audio Return Channel), which passes full-resolution surround sound signals to your speakers without compressing them. QMS (Quick Media Switching) switches from one frame rate to another without the delay of a blank screen between them. ALLM (Auto Low Latency Mode), VRR (Variable Refresh Rate) and QFT (Quick Frame Transport) reduce latency, refresh rate and lag for a more vivid gaming experience.

Advanced Fiber Cable Is Easier to Install than Copper
Because the fiber cable is slimmer and more flexible than standard copper HDMI cables, the P568FMM-10M-8K6 is easier to install around corners and in hard-to-reach spaces behind equipment. Detachable HDMI (Type A) to Micro-HDMI (Type D) adapters on each end help you pull the cable through one-inch conduit (drill smaller holes if routing cable through walls or surfaces). ***Note**: The cable must be installed in the correct direction to function properly, so please check the Source and Display labels on the connectors before installation.*

Invest in Quality Construction for Reliable Performance
You're expecting this 8K cable to last a long time, which is why it has been constructed with high-quality materials. Contacts are gold-plated to resist corrosion. Double shielding reduces line noise (EMI/RFI) that can interfere with your audio/video signal and disrupt the performance of your connected equipment. The

Highlights

- Supports UHD resolutions up to 8K @ 60 Hz (4:4:4) for enhanced video without latency
- Detachable Micro-HDMI adapters help you pull cable through 1 in. conduit
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Fiber optic strands transmit audio/video over longer distances than standard copper
- Dispels EMI/RFI line noise that can disrupt A/V signal and affect equipment performance

System Requirements

- Both source and display devices must be compatible with HDMI 2.1 standards to access HDMI 2.1 features
- Both source and display devices must be compatible with 8K standards to watch 8K video

Package Includes

P568FMM-10M-8K6 HDMI Fiber Active Optical Cable, M/M, Black, 10 m (33 ft.)

cable draws power from the connected device, so no external power supply is needed to transmit the HDMI signal across the longer distances unique to fiber optic cabling.

Specifications

OVERVIEW	
UPC Code	037332289063
Product Type	Active Optical Cable (AOC)
Technology	HDMI
Cable Type	Active
VIDEO	
Video Input	HDMI (MALE)
Video Output	HDMI (MALE)
Max Supported Video Resolution	7680 x 4320 (8K) @ 60Hz
Max 1280 x 720 (720p) Range (ft)	33
Max 1920 x 1080 (1080p) Range (ft)	33
Max 1920 x 1200 Range (ft)	33
Max 2560 x 1600 Range (ft)	33
Max 3840 x 2160 (4K@30Hz) Range (ft)	33
Max 3840 x 2160 (4K@60Hz) Range (ft)	33
Max 4096 x 2160 (4K) Range (ft)	33
Max 5120 x 2880 (5K) Range (ft)	33
Max 7680 x 4320 (8K@30Hz) Range (ft)	33
Max 7680 x 4320 (8K@60Hz) Range (ft)	33
Signal Range (ft)	33
Signal Range (m)	10
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4
Maximum Signal Range (ft)	33
Maximum Signal Range (m)	10
Signal Transmission	Unidirectional
DisplayPort Alt Mode	No

AUDIO	
Audio Specification	DOLBY TRUE HD/DTS-HD
CONNECTIONS	
Side A - Connector 1	HDMI (MALE); MICRO HDMI (MALE)
Side B - Connector 1	HDMI (MALE); MICRO HDMI (MALE)
Connector Plating	Gold
Contact Plating	Gold
Connector Style	Straight
Latching or Gripping Connector	No
PHYSICAL	
Color	Black
Material of Construction	CABLE: PVC, CONNECTOR: ZINC ALLOY
Cable Jacket Color	Black
Connector Color	Gray
Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	4.5MM
Wire Gauge (AWG)	30/28/24
Cable Length (ft.)	33
Cable Length (m)	10.06
Cable Length (in.)	396
Minimum Bend Radius	48mm
Number of Displays	1
Form Factor/Mounting Options	Cable
Unit Dimensions (hwd / in.)	1.540 x 9.250 x 8.860
ENVIRONMENTAL	
Operating Temperature Range	14° to 131°F (-10° to 55°C)
Storage Temperature Range	-13° to 158°F (-25° to 70°C)
Operating Humidity Range	10% to 85% RH, NON-CONDENSING
Storage Humidity Range	5% to 90% RH, NON-CONDENSING
COMMUNICATIONS	
EDID Compatible	Yes

Consumer Electronics Control (CEC) Supported	Yes
FEATURES & SPECIFICATIONS	
EMI/RFI Line Noise Protection	No
Integrated/Removable Cable	No
MST Support	No
Antibacterial	No
Fully Molded Connector Ends	No
Ohms	No
Integral Strain Relief	No
Impedance-Matched Twisted-Pair Construction	No
Scaler Function	No
IP67 Rated	No
Armored Cable	No
HDCP Specification	1.4; 2.3
Driver Required	No
DIN Mountable	No
STANDARDS & COMPLIANCE	
Product Compliance	CE (Europe); FCC (USA); RoHS; UKCA; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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