8K HDMI Plenum-Rated Fiber Active Optical Cable (AOC) - 8K UHD @ 60 Hz, HDR, M/M, Black, 15 m

MODEL NUMBER: **P568F-15M-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. It also eliminates any EMI/RFI line noise that can interfere with your audio/video signal and disrupt the performance of your connected equipment.

Enjoy the Clarity of 8K Video with 7.1-Channel Surround Sound and 4:4:4 Color
The P568F-15M-8K6 is rated up to 48 Gbps and supports UHD 8K video resolutions up to 7680 x 4320 at 60 Hz and Dolby 7.1-channel surround sound, as specified in HDMI 2.1. It supports Dynamic HDR, which maintains premium contrast and color in each scene or even each frame. HDCP 2.3 compliance allows you to stream the latest 4K Amazon and Netflix 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 2.1 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 P568F-15M-8K6 is easier to install around corners and in hard-to-reach spaces behind equipment. It 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. 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

Highlights

- Supports UHD resolutions up to 8K @ 60 Hz (4:4:4) for heightened video quality
- Carries Dynamic 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
- Plenum rated for horizontal premise applications in air ducts and drop ceilings

Applications

- Watch 8K video from a compatible Blu-ray player, game console, laptop or tablet on a compatible television, monitor or projector
- Connect a Windows laptop to a conference table's A/V box to give a video presentation on a large screen
- Play online or PC video games that display optimal graphics
- Send 8K video content to digital signs or point-of-sale displays
- Connect security cameras and other A/V surveillance equipment to a central display

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

P568F-15M-8K6 HDMI Fiber Active Optical Cable, M/M, Black, 15 m (49 ft.)

materials. Contacts are gold-plated to resist corrosion. Double shielding reduces line noise (EMI/RFI) that can disrupt signals traveling through the HDMI cord. The plenum-rated jacket has low smoke and flame characteristics, making it suitable for premise applications in ceilings, walls and ducts.

Specifications

OVERVIEW	
UPC Code	037332260949
Product Type	Active Optical Cable (AOC)
Technology	HDMI

VIDEO	
Video Input	HDMI (MALE)
Video Output	HDMI (MALE)
Max Supported Video Resolution	7680x4320 (8K @ 60Hz)
Max 1280 x 720 (720p) Range (ft)	49
Max 1920 x 1080 (1080p) Range (ft)	49
Max 1920 x 1200 Range (ft)	49
Max 2560 x 1600 Range (ft)	49
Max 3840 x 2160 (4K@30Hz) Range (ft)	49
Max 3840 x 2160 (4K@60Hz) Range (ft)	49
Max 4096 x 2160 (4K) Range (ft)	49
Max 5120 x 2880 (5K) Range (ft)	49
Max 7680 x 4320 (8K@30Hz) Range (ft)	49
Max 7680 x 4320 (8K@60Hz) Range (ft)	49
Signal Range (ft)	49
Signal Range (m)	15
Max Supported Color Depth	48-bit
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
Maximum Signal Range (ft)	50
Maximum Signal Range (m)	15

INPUT	

Bus Powered	No

POWER	
Power Over Cable (PoC) Support	No

PHYSICAL	
Color	Black
Material of Construction	PVC
Cable Jacket Material	PVC
Cable Jacket Rating	CMP
Cable Outer Diameter (OD)	4.5mm
Cable Length (ft.)	50
Cable Length (m)	15.24
Ferrite Core	Yes
Minimum Bend Radius	45mm
Number of Displays	1
Form Factor/Mounting Options	Cable

ENVIRONMENTAL	
Operating Temperature Range	32 to 122°F (0 to 50°C)
Storage Temperature Range	-40 to 158 °F (-40 to 70 °C)
Operating Humidity Range	10% to 80% RH, Non-Condensing
Storage Humidity Range	10% to 80% RH, Non-Condensing

COMMUNICATIONS	
EDID Compatible	No
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	No

CONNECTIONS	
Side A - Connector 1	HDMI (MALE)
Side B - Connector 1	HDMI (MALE)
Contact Plating	Gold

FEATURES & SPECIFICATIONS	
Driver Required	No

EMI/RFI Line Noise Protection	No
10/100 Ethernet Extension Support	No
Armored Cable	No

STANDARDS & COMPLIANCE	
Certifications	CE, FCC, RoHS, REACH

WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty