8K HDMI Plenum-Rated Fiber Active Optical Cable (AOC) - 8K UHD @ 60 Hz, HDR, M/M, Black, 25 m (82 ft.)

MODEL NUMBER: **P568F-25M-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-25M-8K6 supports UHD 8K video resolutions and Dolby 7.1-channel surround sound. 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 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-25M-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 materials. Contacts are gold-plated to resist corrosion. Double shielding reduces line noise (EMI/RFI) that

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-25M-8K6 HDMI Fiber Active Optical Cable, M/M, Black, 25 m (82 ft.)

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	037332260963
Product Type	Active Optical Cable (AOC)
Technology	HDMI
VIDEO	
Video Input	HDMI (MALE)
Video Output	HDMI (MALE)
Resolutions Supported	8K @ 60Hz (7680 x 4320), 4K @ 120Hz (3840 x 2160)
Max Supported Video Resolution	7680 x 4320 (8K) @ 60Hz
Max 1280 x 720 (720p) Range (ft)	82
Max 1920 x 1080 (1080p) Range (ft)	82
Max 1920 x 1200 Range (ft)	82
Max 2560 x 1600 Range (ft)	82
Max 3840 x 2160 (4K@30Hz) Range (ft)	82
Max 3840 x 2160 (4K@60Hz) Range (ft)	82
Max 4096 x 2160 (4K) Range (ft)	82
Max 5120 x 2880 (5K) Range (ft)	82
Max 7680 x 4320 (8K@30Hz) Range (ft)	82
Max 7680 x 4320 (8K@60Hz) Range (ft)	82
Signal Range (ft)	82
Signal Range (m)	25
Max Supported Color Depth	48-bit
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
Maximum Signal Range (ft)	80
Maximum Signal Range (m)	24
Signal Transmission	Unidirectional

INPUT	
Bus Powered	No
POWER	
Power Over Cable (PoC) Support	No
CONNECTIONS	
Side A - Connector 1	HDMI (MALE)
Side B - Connector 1	HDMI (MALE)
Contact Plating	Gold
Latching or Gripping Connector	No
PHYSICAL	
Color	Black
Material of Construction	PVC
Cable Jacket Color	Black
Cable Jacket Material	PVC
Cable Jacket Rating	CMP
Cable Outer Diameter (OD)	4.5 mm
Cable Length (ft.)	82
Cable Length (m)	25.00
Cable Length (in.)	984
Ferrite Core	Yes
Number of Displays	1
Form Factor/Mounting Options	Cable
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
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
FEATURES & SPECIFICATIONS	
EMI/RFI Line Noise Protection	Yes
10/100 Ethernet Extension Support	No
Antibacterial	No
IP68 Rated	No
IP20 Rated	No
Armored Cable	No
Driver Required	No
STANDARDS & COMPLIANCE	
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

© 2024 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.