4K HDMI Fiber Active Optical Cable (AOC) - 4K 60 Hz, HDR, 4:4:4 (M/M), 50 m

MODEL NUMBER: **P568-50M-FBR**





Fiber HDMI cable creates crystal-clear 4K video/audio connections with 4:4:4 color for home theaters and digital signage.

Features

4K HDMI Cable Connects Home Theater, Gaming & Digital Signage Components
This 4K HDMI cable securely connects HDMI-enabled 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 4K HDMI Video with Multi-Channel Audio, HDR and 4:4:4 Color
This HDMI cable supports Ultra HD video resolutions up to 4K for crystal-clear picture and sound. High Dynamic Range (HDR) provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. It also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor, as well as 3D, 48-bit Deep Color, DTS-HD Master Audio and Dolby True HD.

Advanced Fiber Cable Is Easier to Install than Copper
Because the fiber cable is slimmer and more flexible than standard copper HDMI cables, the P568-50M-FBR 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 check the Source and Display labels on the connectors before installation.*

Highlights

- Supports UHD resolutions up to 4K (4:4:4) for crystal-clear video
- 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
- Plug-and-play cable draws power from connected device for easy, immediate installation

Applications

- Watch 4K video content from a Blu-ray player, game console, laptop or tablet on an Ultra HD television, monitor or projector
- Connect a Chromebook or MacBook to a conference table's A/V box to give a video presentation on a large screen
- Send Ultra HD content to digital signs or point-of-sale displays
- Connect security cameras and other A/V surveillance equipment to a central display

Package Includes

- P568-50M-FBR High-Speed HDMI Fiber Active Optical Cable, M/M, Black, 50 m (164 ft.)

Specifications

OVERVIEW	
UPC Code	037332236876
Product Type	Active Optical Cable (AOC)
Technology	HDMI
Cable Type	Active

VIDEO	
Video Input	HDMI (MALE)
Video Output	HDMI (MALE)
Max Supported Video Resolution	3840 x 2160 (4K) @ 60Hz
Max 1280 x 720 (720p) Range (ft)	164
Max 1920 x 1080 (1080p) Range (ft)	164
Max 1920 x 1200 Range (ft)	164
Max 2560 x 1600 Range (ft)	164
Max 3840 x 2160 (4K@30Hz) Range (ft)	164
Max 3840 x 2160 (4K@60Hz) Range (ft)	164
Max Supported Color Depth	48-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
Maximum Signal Range (ft)	164
Maximum Signal Range (m)	50
EDID Support	Yes
Signal Transmission	Bidirectional
AUDIO	
Audio Specification	Stereo Audio
INPUT	
Bus Powered	No
POWER	
Power Over Cable (PoC) Support	No
CONNECTIONS	
Side A - Connector 1	HDMI (MALE)
Side B - Connector 1	HDMI (MALE)
Connector Plating	Gold
Contact Plating	Gold
Connector Style	Straight
Latching or Gripping Connector	No

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	0
PHYSICAL	
Color	Black
Cable Jacket Color	Black
Connector Color	Silver
Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	4.8 mm
Wire Gauge (AWG)	30
Cable Length (ft.)	164
Cable Length (m)	50.00
Cable Length (in.)	1968
Ferrite Core	No
Minimum Bend Radius	48mm
Number of Displays	1
Form Factor/Mounting Options	Cable
Shipping Dimensions (hwd / in.)	3.45 x 6.50 x 6.50
Shipping Weight (lbs.)	3.80
Shipping Weight (kg)	1.72
ENVIRONMENTAL	
Operating Temperature Range	32° to 113°F (0° to 45°C)
Storage Temperature Range	-40° to 176°F (-40° to 80°C)
Operating Humidity Range	10% to 85% RH, Non-Condensing
Storage Humidity Range	5% to 90% RH, Non-Condensing
COMMUNICATIONS	
EDID Compatible	No
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No
FEATURES & SPECIFICATIONS	

EMI/RFI Line Noise Protection	No
10/100 Ethernet Extension Support	No
MST Support	No
Built-In Equalizer	No
Antibacterial	No
IP68 Rated	No
IP20 Rated	No
Armored Cable	No
Ethernet Support	Yes
HDCP Specification	2.2; 1.4
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.