

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 UHD 4K video/audio connections with HDR 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 4K HDMI cable is rated up to 18 Gbps and supports Ultra HD video resolutions up to 4K @ 60 Hz (3840 x 2160) for crystal-clear picture and sound, as specified in HDMI 2.0. 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.

Specifications

OVERVIEW	
UPC Code	037332236876
Product Type	Active
Technology	HDMI

Highlights

- Supports UHD resolutions up to 4K @ 60 Hz (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
- Disperses 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.)



VIDEO	
Video Input	HDMI (MALE)
Video Output	HDMI (MALE)
Max Supported Video Resolution	3840x2160 (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
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
Maximum Signal Range (ft)	164
Maximum Signal Range (m)	50
INPUT	
Bus Powered	No
POWER	
Power Over Cable (PoC) Support	No
PHYSICAL	
Color	Black
Cable Length (ft.)	164
Cable Length (m)	50
Number of Displays	1
Form Factor/Mounting Options	Cable
Shipping Dimensions (hwd / in.)	3.45 x 6.50 x 6.50
Shipping Weight (kg)	1.72
Shipping Weight (lbs.)	3.80
ENVIRONMENTAL	
Operating Temperature Range	32 to 113°F (0 to 45°C)



Storage Temperature Range	14 to 158°F (-10 to 70°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	No
USB Extension Support	No
CONNECTIONS	
Side A - Connector 1	HDMI (MALE)
Side B - Connector 1	HDMI (MALE)
FEATURES & SPECIFICATIONS	
Driver Required	No
10/100 Ethernet Extension Support	No
Built-In Equalizer	No
Armored Cable	No
STANDARDS & COMPLIANCE	
Certifications	Tested to CE, FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

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