

## 4K HDMI Fiber Active Optical Cable (AOC) - 4K 60 Hz, HDR, 4:4:4 (M/M), 5 m

MODEL NUMBER: **P568-05M-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 P568-05M-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
- 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

- P568-05M-FBR High-Speed HDMI Fiber Active Optical Cable, M/M, Black, 5 m (16 ft.)

## Specifications

OVERVIEW	
UPC Code	037332236807
Product Type	Active
Technology	HDMI
VIDEO	



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

Max Supported Video Resolution	3840 x 2160 @ 60Hz
Max Supported Color Depth	48-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
EDID Support	Yes
Signal Transmission	Bidirectional
<b>AUDIO</b>	
Audio Specification	Stereo Audio
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	0
<b>PHYSICAL</b>	
Color	Black
Cable Jacket Color	Black
Connector Color	Silver
Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	4.8mm
Wire Gauge (AWG)	30
Cable Length (ft.)	16
Cable Length (m)	4.88
Ferrite Core	No
Minimum Bend Radius	48mm
Shipping Dimensions (hwd / cm)	3.30 x 17.02 x 17.78
Shipping Dimensions (hwd / in.)	1.30 x 6.70 x 7.00
Shipping Weight (kg)	0.29
Shipping Weight (lbs.)	0.65
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32 TO 113 F (0 TO 45 C)
Storage Temperature Range	-40 - 80 °C (-40 - 176 °F)
Operating Humidity Range	10 to 85% RH, Non-Condensing
Storage Humidity Range	5 to 90% RH, Non-Condensing



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

COMMUNICATIONS	
EDID Compatible	Yes
Consumer Electronics Control (CEC) Supported	Yes
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
FEATURES & SPECIFICATIONS	
HDCP Specification	2.2; 1.4
EMI/RFI Line Noise Protection	No
MST Support	No
IP68 Rated	No
Antibacterial	No
Armored Cable	No
Ethernet Support	Yes
IP20 Rated	No
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

© 2022 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>