

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.

Specifications

| OVERVIEW | |
|--------------|--------------|
| UPC Code | 037332236876 |
| Product Type | Active |
| Technology | HDMI |

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

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



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| VIDEO | |
|--------------------------------------|--------------------|
| Video Input | HDMI (MALE) |
| Video Output | HDMI (MALE) |
| Max Supported Video Resolution | 3840 x 2160 @ 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 |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | 0 |
| PHYSICAL | |
| Color | Black |
| Cable Jacket Color | Black |
| Connector Color | Silver |
| Cable Jacket Material | PVC |



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| | |
|--|------------------------------|
| Cable Jacket Rating | VW-1 |
| Cable Outer Diameter (OD) | 4.8mm |
| Wire Gauge (AWG) | 30 |
| Cable Length (ft.) | 164 |
| Cable Length (m) | 50.00 |
| 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 (kg) | 1.72 |
| Shipping Weight (lbs.) | 3.80 |
| ENVIRONMENTAL | |
| 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 |
| 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 |
| 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 |



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| | |
|-------------------------------------|-------------------------------------|
| Driver Required | No |
| EMI/RFI Line Noise Protection | No |
| 10/100 Ethernet Extension Support | No |
| MST Support | No |
| IP68 Rated | No |
| Built-In Equalizer | 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 |

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