

# 8K HDMI Cable (M/M) - 8K 60 Hz, Dynamic HDR, 4:4:4, HDCP 2.2, Black, 10 ft.

# MODEL NUMBER: P568-010-8K6



8K HDMI cable connects your HDMI-compatible source and display devices to transmit enhanced 8K video with Dynamic HDR.

## Features

**HDMI Cable Helps Your Gaming, Home Theater or Digital Signage Setup Get 8K-Ready**This HDMI cable (M/M) allows your compatible hardware to deliver up to 8K resolutions while securely connecting source and display devices compatible with HDMI audio/video signals. Backward compatible with all your existing HDMI devices, including Blu-ray players, game consoles and 4K televisions, the P568-010-8K6 is ideal for future-proofing your high-definition or UHD A/V application in anticipation of an 8K upgrade.

**Enjoy the Clarity of 4K/8K Video with Multi-Channel Audio, HDR and 4:4:4 Color**The P568-010-8K6 supports 8K video resolutions up to 7680 x 4320 at 60 Hz and 7.1-channel surround sound, including Dolby Atmos. It's compatible with 8K/60Hz video resolutions and Dynamic HDR, which maintains premium contrast and color in each scene or even each frame. HDCP 2.2 compliance allows you to stream 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 QualityThis 8K-ready cable allows your compatible hardware to deliver up-to-date 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.

**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, such as a rugged PVC jacket. Contacts and connectors are gold-plated to resist corrosion. Double shielding reduces line noise (EMI/RFI) that can disrupt signals traveling through the HDMI cord.

# **Specifications**

OVERVIEW

# Highlights

- Supports UHD resolutions up to 8K @ 60 Hz (4:4:4) for heightened video quality
- Supports Dynamic HDR for richer contrast and expanded color accuracy per frame
- Supports eARC for fullresolution object-based surround sound with no compression
- Plug-and-play operation with no software required for easy, immediate installation

## 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

## System Requirements

• Both source and display devices must be compatible with 8K standards to watch 8K video

## Package Includes

P568-010-8K6 HDMI Cable, 8K @ 60 Hz, M/M, Black, 10 ft.



Tripp Lite 1111 W. 35th Street Chicago, IL 60609 USA Telephone: 773.869.1234 www.tripplite.com

| Product Type         Paskve           Tachnology         HDMI           Tachnology         HDMI           NUEC         Stable Ass20 & 60Hz           Max Supported Video Resolution         7680 x 4320 & 60Hz           Max Supported Color Depth         48-bit Deep Color           HDR Support         Yes           30 Video Supported Color Depth         48-bit Deep Color           HDR Support         Yes           Solorona Sub Sampling         4.44           EDID Support         Yes           Signal Transmission         Bidrectional           Bandwidth         1.2 Gbps           Autio         20 Color           Autio         Seconda Sub Sampling           Autio         Seconda Sub Sampling           Autio         1.2 Gbps           Autio         Seconda Sub Sampling           Autio         Seconda Sampling     <                         |                                |                              |  |
|--|--------------------------------|------------------------------|--|
| Technology         HDM           viceo         Killen Algebreich           Mix Supported Video Resolution         7680 x 4320 @ 60Hz           Max Supported Color Depth         48-bit Deep Color           HDR Support         Yes           3D Video Supported         Yes           Chrona Sub Sampling         44.4           EDID Support         Yes           Signal Transmission         Bidirectional           Bardwidth         10.2 Gbps           Audio Specification         eARC           PHYSICAL         Color           Color         Black           Material of Construction         PVC           Cable Jacket Color         Black           Cable Jacket Material         PVC           Cable Langh (hz)         10           Cable Langh (hz)         10           Cable Langh (hz)         10           Cable Langh (hz)         10           Cable Langh (hz)         120           PHYRICAL         120           Cable Langh (hz)         120   | UPC Code                       | 037332256881                 |  |
| VIDEO           Max Supported Video Resolution         7680 x 4320 @ 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           Supports Sub Sampling         4.4.4           EDID Support         Yes           Signal Transmission         Bidirectional           Bandwidth         10.2 Gbps            eARC            eARC            eARC            PVC           Color         Black           Material of Construction         PVC           Cable Jacket Color         Black           Cable Jacket Rating         VV-1           Cable Length (ft.)         10           Cable Length (ft.)         120           EVIRONMENTAL           EVIRONMENTAL           Operating Temperature Range         150 140 F (15 to 60 C)           Operating Temperature Range         50 140 F (15 to 60 C)           Operating Humidity Range         0% to 90% RH, Non-Condensing   | Product Type                   | Passive                      |  |
| Max Supported Video Resolution         7680 x 4320 @ 60Hz           Max Supported Color Depth         48-bit Deep Color           HDR Support         Yes           3D Video Supported         Yes           Chroma Sub Sampling         44.4           EDID Support         Yes           Signal Transmission         Bidrectional           Bidrectional         10.2 Gbps           AUDIO           PhysicaL           Color           Back         Back           Cable Jacket Color         Back           Cable Jacket Naterial         PVC           Cable Jacket Raing         VW-1           Cable Jacket Raing         VW-1           Cable Jacket Raing         Yes           Cable Length (ft.)         10           Cable Length (ft.)         10.2           Cable Length (ft.)         10.2 (10 to 50 C)  | Technology                     | НОМІ                         |  |
| Max Supported Color Depth         48-bit Deep Color           HDR Support         Yes           3D Video Supported         Yes           Chrona Sub Sampling         44.4           EDID Support         Yes           Signal Transmission         Bidrectional           Budrectional         10.2 Obps           AUDIO         ARC           PHYSICAL         Edited Specification           Color         Black           Material of Construction         PVC           Cable Jacket Color         Black           Cable Jacket Material         PVC           Cable Jacket Rating         YW-1           Cable Jacket Rating         YW-1           Cable Jacket Rating         YW-1           Cable Jacket Rating         10           Cable Length (ft.)         10           Cable Length (m)         3.05           Cable Length (m)         3.05           Cable Length (m)         1.20           ENVERNMENTAL         Programmentature Range           Storage Temperature Range         5to 140 F (-15 to 60 C)           Operating Temperature Range         5to 140 F (-15 to 60 C)           Operating Humidity Range         0% to 60% RH, Non-Condensing           Storage           | VIDEO                          |                              |  |
| HDR Support         Yes           3D Video Supported         Yes           Chroma Sub Sampling         4:4.4           EDID Support         Yes           Signal Transmission         Bidirectional           Bandwidth         10.2 Gbps           AUDIO           AUDIO           Audio Specification           eARC           PHYSICAL           Color           Black         Color           Black         PVC           Cable Jacket Color         Black           Cable Jacket Rating         VV-1           Cable Jacket Rating         VV-1           Cable Length (ft.)         10           Cable Length (ft.)         10           Cable Length (ft.)         120           ENVIRONMENTAL           Operating Temperature Range         5 to 140 F (-15 to 50 C)           Storage Temperature Range         5 to 140 F (-15 to 50 C)           Operating Humidity Range         0% to 30% RH, Non-Condensing           Storage Humidity Range         0% to 30% RH, Non-Condensing           Storage Humidity Range         0% to 30% RH, Non-Condensing  | Max Supported Video Resolution | 7680 x 4320 @ 60Hz           |  |
| BV ideo Supported         Yes           Chroma Sub Sampling         4-4.4           EDID Support         Yes           Signal Transmission         Bidirectional           Bandwidth         10.2 Gbps           AUDIO           AUDIO           AUDIO           AUdio Specification           ARC           PHYSICAL           Color           Black         PVC           Color           Black         PVC           Color           Black         PVC           Cable Jacket Material         PVC           Cable Jacket Material         PVC           Cable Color         Black           Cable Jacket Material         PVC           Cable Jacket Material         PVC           Cable Longth (ft.)         10           Cable Longth (ft.)         10           Cable Longth (ft.)         120           Contraction Silor   | Max Supported Color Depth      | 48-bit Deep Color            |  |
| Chroma Sub Sampling         4:4.4           EDID Support         Yes           Signal Transmission         Bidirectional           Bandwidth         10.2 Gbps           AUDIO           Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan= Colspan="2">Colspan= Colspan= Colspan= Colspan= Colspan="2">Colspan= Colspan= C  | HDR Support                    | Yes                          |  |
| EDID Support     Yes       Signal Transmission     Bidirectional       Bandwidth     10.2 Gbps       AUDIO       AUDIO       AUDIO       AUDIO       AUDIO       AUDIO       PHYSICAL       Color       Black       Material of Construction       PVC       Cable Jacket Color       Black       Cable Jacket Ratinal       PVC       Cable Jacket Ratinal       VVC       Cable Jacket Ratinal       VVC       Cable Jacket Ratinal       VVC       Cable Length (m.)       Cable Length (m.)       2.8       Cable Length (m.)       3.05       Cable Length (m.)       1.4 to 122 F (-10 to 50 C)       Storage Temperature Range       5 to 140 F (-15 to 60 C)       Operating Humidity Range       0% to 90% te H, Non-Condensing       Storage Temperature Range       5 to 140 F (-15 to 60 C) <td< td=""><td>3D Video Supported</td><td>Yes</td></td<>   | 3D Video Supported             | Yes                          |  |
| Signal Transmission         Bidrrectional           Bandwidth         10.2 Gbps           AUDIO         eARC           PHYSICAL         eARC           Color         Black           Material of Construction         PVC           Cable Jacket Color         Black           Cable Jacket Color         Black           Cable Jacket Color         Black           Cable Jacket Rating         VVC           Cable Jacket Rating         VW-1           Cable Jacket Rating         VW-1           Cable Longth (ft.)         10           Cable Length (m)         3.05           Cable Length (m)         120           Environmental         Storage Temperature Range           Storage Temperature Range         5 to 140 F (-15 to 60 C)           Operating Humidity Range         0% to 90% RH, Non-Condensing           Storage Humidity Range         0% to 90% RH, Non-Condensing           Storage Humidity Range         0% to 90% RH, Non-Condensing   | Chroma Sub Sampling            | 4:4:4                        |  |
| Bandwidth       10.2 Gbps         AUDIO       eARC         PHYSICAL       eARC         Color       Black         Material of Construction       PVC         Cable Jacket Color       Black         Cable Jacket Material       PVC         Cable Jacket Material       PVC         Cable Jacket Material       PVC         Cable Jacket Material       VW-1         Cable Jacket Rating       VW-1         Cable Jacket Rating       VW-1         Cable Longth (ft.)       10         Cable Length (ft.)       10         Cable Length (m)       3.05         Cable Length (m)       0.05         Storage Temperature Range  | EDID Support                   | Yes                          |  |
| AUDIO         Audio Specification       eARC         PHYSICAL         Color       Black         Material of Construction       PVC         Cable Jacket Color       Black         Cable Jacket Material       PVC         Cable Jacket Material       PVC         Cable Jacket Rating       VW-1         Cable Jacket Rating       VW-1         Cable Queter Diameter (OD)       7.3mm         Wire Gauge (AWG)       28         Cable Length (ft.)       10         Cable Length (m)       3.05         Cable Length (m)       3.05         Cable Length Temperature Range       14 to 122 F (-10 to 50 C)         Storage Temperature Range       5 to 140 F (-15 to 60 C)         Operating Humidity Range       0% to 90% RH, Non-Condensing         Storage Humidity Range       0% to 90% RH, Non-Condensing   | Signal Transmission            | Bidirectional                |  |
| Audio Specification       eARC         PHYSICAL         Color       Black         Material of Construction       PVC         Cable Jacket Color       Black         Cable Jacket Color       Black         Cable Jacket Rating       VVC         Cable Jacket Rating       VW-1         Cable Jacket Rating       VW-1         Cable Jacket Rating       VW-1         Cable Quter Diameter (OD)       7.3mm         Wire Gauge (AWG)       28         Cable Length (ft.)       10         Cable Length (m.)       3.05         Cable Length (m.)       120         Environmental       5 to 140 F (-15 to 60 C)         Operating Temperature Range       5 to 140 F (-15 to 60 C)         Operating Humidity Range       0% to 90% RH, Non-Condensing         Storage Humidity Range       0% to 90% RH, Non-Condensing   | Bandwidth                      | 10.2 Gbps                    |  |
| PHYSICAL           Color         Black           Material of Construction         PVC           Cable Jacket Color         Black           Cable Jacket Color         Black           Cable Jacket Rating         PVC           Cable Jacket Rating         VW-1           Cable Length (R)         28           Cable Length (R)         3.05           Cable Length (In.)         10           Cable Length (In.)         120           Environmental         Environmental           Operating Temperature Range         14 to 122 F (-10 to 50 C)           Storage Temperature Range         5 to 140 F (-15 to 60 C)           Operating Humidity Range         0% to 90% RH, Non-Condensing           Storage Humidity Range         0% to 90% RH, Non-Condensing           Storage Humidity Range         0% to 90% RH, Non-Condensing | AUDIO                          |                              |  |
| Color         Black           Material of Construction         PVC           Cable Jacket Color         Black           Cable Jacket Material         PVC           Cable Jacket Material         VW-1           Cable Jacket Rating         VW-1           Cable Jacket Rating         VW-1           Cable Jacket Rating         VW-1           Cable Jacket Rating         VW-1           Cable Lougter Diameter (OD)         7.3mm           Wire Gauge (AWG)         28           Cable Length (ft.)         10           Cable Length (m)         3.05           Cable Length (m.)         120           EnvireONMENTAL         PV           Operating Temperature Range         14 to 122 F (-10 to 50 C)           Storage Temperature Range         5 to 140 F (-15 to 60 C)           Operating Humidity Range         0% to 90% RH, Non-Condensing           Storage Humidity Range         0% to 90% RH, Non-Condensing           Storage Humidity Range         0% to 90% RH, Non-Condensing  | Audio Specification            | eARC                         |  |
| Material of Construction         PVC           Cable Jacket Color         Black           Cable Jacket Material         PVC           Cable Jacket Rating         VW-1           Cable Journameter (OD)         7.3mm           Cable Lougter Diameter (OD)         7.3mm           Wire Gauge (AWG)         28           Cable Length (ft.)         10           Cable Length (m)         3.05           Cable Length (in.)         120           ENVIRONMENTAL           Operating Temperature Range         14 to 122 F (-10 to 50 C)           Storage Temperature Range         5 to 140 F (-15 to 60 C)           Operating Humidity Range         0% to 90% RH, Non-Condensing           Storage Humidity Range         0% to 90% RH, Non-Condensing  | PHYSICAL                       |                              |  |
| Cable Jacket Color     Black       Cable Jacket Material     PVC       Cable Jacket Rating     VW-1       Cable Jacket Rating     VW-1       Cable Outer Diameter (OD)     7.3mm       Wire Gauge (AWG)     28       Cable Length (ft.)     10       Cable Length (m)     3.05       Cable Length (in.)     120       ENVIRONMENTAL       Operating Temperature Range     14 to 122 F (-10 to 50 C)       Storage Temperature Range     5 to 140 F (-15 to 60 C)       Operating Humidity Range     0% to 90% RH, Non-Condensing       Storage Humidity Range     0% to 90% RH, Non-Condensing   | Color                          | Black                        |  |
| Cable Jacket Material     PVC       Cable Jacket Rating     VW-1       Cable Outer Diameter (OD)     7.3mm       Wire Gauge (AWG)     28       Cable Length (ft.)     10       Cable Length (m)     3.05       Cable Length (in.)     120       ENVIRONMENTAL       Operating Temperature Range     14 to 122 F (-10 to 50 C)       Storage Temperature Range     5 to 140 F (-15 to 60 C)       Operating Humidity Range     0% to 90% RH, Non-Condensing       Storage Humidity Range     0% to 90% RH, Non-Condensing   | Material of Construction       | PVC                          |  |
| Cable Jacket Rating       VW-1         Cable Outer Diameter (OD)       7.3mm         Wire Gauge (AWG)       28         Cable Length (ft.)       10         Cable Length (m)       3.05         Cable Length (in.)       120         ENVIRONMENTAL         Operating Temperature Range       14 to 122 F (-10 to 50 C)         Storage Temperature Range       5 to 140 F (-15 to 60 C)         Operating Humidity Range       0% to 90% RH, Non-Condensing         Storage Humidity Range       0% to 90% RH, Non-Condensing   | Cable Jacket Color             | Black                        |  |
| Cable Outer Diameter (OD)7.3mmWire Gauge (AWG)28Cable Length (ft.)10Cable Length (m)3.05Cable Length (in.)120ENVIRONMENTALOperating Temperature Range14 to 122 F (-10 to 50 C)Storage Temperature Range5 to 140 F (-15 to 60 C)Operating Humidity Range0% to 90% RH, Non-CondensingStorage Humidity Range0% to 90% RH, Non-Condensing  | Cable Jacket Material          | PVC                          |  |
| Wire Gauge (AWG)     28       Cable Length (ft.)     10       Cable Length (m)     3.05       Cable Length (in.)     120         ENVIRONMENTAL       Operating Temperature Range     14 to 122 F (-10 to 50 C)       Storage Temperature Range     5 to 140 F (-15 to 60 C)       Operating Humidity Range     0% to 90% RH, Non-Condensing       Storage Humidity Range     0% to 90% RH, Non-Condensing  | Cable Jacket Rating            | VW-1                         |  |
| Cable Length (ft.)       10         Cable Length (m)       3.05         Cable Length (in.)       120         ENVIRONMENTAL         Operating Temperature Range       14 to 122 F (-10 to 50 C)         Storage Temperature Range       5 to 140 F (-15 to 60 C)         Operating Humidity Range       0% to 90% RH, Non-Condensing         Storage Humidity Range       0% to 90% RH, Non-Condensing  | Cable Outer Diameter (OD)      | 7.3mm                        |  |
| Cable Length (m)       3.05         Cable Length (in.)       120         ENVIRONMENTAL         Operating Temperature Range       14 to 122 F (-10 to 50 C)         Storage Temperature Range       5 to 140 F (-15 to 60 C)         Operating Humidity Range       0% to 90% RH, Non-Condensing         Storage Humidity Range       0% to 90% RH, Non-Condensing  | Wire Gauge (AWG)               | 28                           |  |
| Cable Length (in.)       120         ENVIRONMENTAL          Operating Temperature Range       14 to 122 F (-10 to 50 C)         Storage Temperature Range       5 to 140 F (-15 to 60 C)         Operating Humidity Range       0% to 90% RH, Non-Condensing         Storage Humidity Range       0% to 90% RH, Non-Condensing   | Cable Length (ft.)             | 10                           |  |
| ENVIRONMENTAL         Operating Temperature Range       14 to 122 F (-10 to 50 C)         Storage Temperature Range       5 to 140 F (-15 to 60 C)         Operating Humidity Range       0% to 90% RH, Non-Condensing         Storage Humidity Range       0% to 90% RH, Non-Condensing   | Cable Length (m)               | 3.05                         |  |
| Operating Temperature Range       14 to 122 F (-10 to 50 C)         Storage Temperature Range       5 to 140 F (-15 to 60 C)         Operating Humidity Range       0% to 90% RH, Non-Condensing         Storage Humidity Range       0% to 90% RH, Non-Condensing   | Cable Length (in.)             | 120                          |  |
| Storage Temperature Range       5 to 140 F (-15 to 60 C)         Operating Humidity Range       0% to 90% RH, Non-Condensing         Storage Humidity Range       0% to 90% RH, Non-Condensing   | ENVIRONMENTAL                  |                              |  |
| Operating Humidity Range     0% to 90% RH, Non-Condensing       Storage Humidity Range     0% to 90% RH, Non-Condensing  | Operating Temperature Range    | 14 to 122 F (-10 to 50 C)    |  |
| Storage Humidity Range 0% to 90% RH, Non-Condensing COMMUNICATIONS   | Storage Temperature Range      | 5 to 140 F (-15 to 60 C)     |  |
| COMMUNICATIONS   | Operating Humidity Range       | 0% to 90% RH, Non-Condensing |  |
|  | Storage Humidity Range         | 0% to 90% RH, Non-Condensing |  |
|  | COMMUNICATIONS                 |                              |  |
|  | EDID Compatible                | Yes                          |  |



| Consumer Electronics Control (CEC)<br>Supported | Yes                       |  |
|---|---------------------------|--|
| CONNECTIONS                                     |                           |  |
| Side A - Connector 1                            | HDMI (MALE)               |  |
| Side B - Connector 1                            | HDMI (MALE)               |  |
| Connector Plating                               | Gold                      |  |
| Contact Plating                                 | Gold                      |  |
| Connector Color                                 | Black                     |  |
| Connector Style                                 | Straight                  |  |
| FEATURES & SPECIFICATIONS                       |                           |  |
| HDCP Specification                              | 1.4; 2.2                  |  |
| Driver Required                                 | No                        |  |
| Fully Molded Connector Ends                     | No                        |  |
| Ohms  | No                        |  |
| EMI/RFI Line Noise Protection                   | No                        |  |
| Integral Strain Relief                          | No                        |  |
| Impedance-Matched Twisted-Pair<br>Construction  | No                        |  |
| DIN Mountable                                   | No                        |  |
| Integrated/Removable Cable                      | No                        |  |
| MST Support                                     | No                        |  |
| Scaler Function                                 | No                        |  |
| IP67 Rated                                      | No                        |  |
| IP68 Rated                                      | No                        |  |
| Antibacterial                                   | No                        |  |
| Armored Cable                                   | No                        |  |
| Ethernet Support                                | Yes                       |  |
| STANDARDS & COMPLIANCE                          |                           |  |
| Certifications                                  | RoHS, REACH               |  |
| WARRANTY  |                           |  |
| Product Warranty Period<br>(Worldwide)          | Lifetime limited warranty |  |

© 2021 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: <u>https://www.tripplite.com/products/product-certification-agencies</u>