

Right Angle HDMI 2.0 Adapter, Male to Female, Horizontal 90-Degree Angled HDMI Port Saver, 4K 60Hz, High Speed HDMI Connector Extension, M/F

**Product ID:** HDMI2HDMIMFRA



This compact Right-Angled HDMI Adapter acts as a port saver, mitigating strain on HDMI ports and connectors. Ideal for installations with limited depth, it enables access to concealed or rear-facing HDMI ports, and reduces wear and tear resulting from frequent connections.

This Right Angle HDMI adapter supports all HDMI 2.0 specifications:

- Resolutions up to 4K 60Hz
- High speeds with a bandwidth of up to 18Gbps
- High Dynamic Range (HDR) for higher contrast ratio and vibrant colors
- Crystal clear sound with up to 32 channels of digital audio
- Supports 21:9 cinema aspect ratio and 3D video
- Backward compatible with previous versions of HDMI
- Supports Consumer Electronics Control (CEC)

Fully compatible with HDMI 2.0 equipment, this HDMI 2.0 Port Saver maintains optimal picture quality at resolutions up to 4K 60Hz and bandwidths up to 18Gbps. Backward compatibility ensures seamless integration with existing HDMI devices.

## Certifications, Reports and Compatibility



## Applications

- Ideal for devices with rear-facing HDMI ports, where space is limited or depth is restricted
- Right-angle connection to reduce connector strain from bending

## Features

- **REDUCE CONNECTOR STRAIN:** Compact Right Angle HDMI Adapter attaches an HDMI port to a cable to alleviate port, connector, and cable strain from bending; Bi-directional HDMI male-to-female adapter serves as a Port Saver, reducing wear on HDMI ports
- **FULL-FEATURED HDMI 2.0:** High Speed HDMI supports Dynamic HDR10 w/10-bit processing for vibrant picture quality; 7.1 and 32-ch audio w/Audio Channel Return (ARC); Connect to UHD displays, cameras, and dedicated video/media devices; HDMI 1.4/1.2 compatible
- **QUALITY CONSTRUCTION:** Durable Gold-plated contacts tested beyond 10,000 insertions to ensure long-term physical connector integrity; Textured PVC outer shell provides enhanced grip and protects against wear and tear
- **APPLICATIONS:** Ideal for installations with limited clearance behind devices (i.e., mounted TVs or AV cabinets); Facilitate better access to concealed or rear and side-facing HDMI ports; HDMI 2.0 Port Saver reduces strain on HDMI ports from frequent use
- **TECHNICAL SPECIFICATIONS:** Black; Right-Angled HDMI Male to Female; Bi-directional; Bus-powered; High Speed HDMI 2.0; 4K 60Hz; Supports HDR10/HDCP 2.2/CEC/ARC; 32 & 7.1ch audio; 18Gbps Bandwidth

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### Hardware

|                           |          |
|---------------------------|----------|
| Warranty                  | Lifetime |
| Active or Passive Adapter | Passive  |
| Number of Conductors      | 19       |
| Connector Plating         | Gold     |
| Industry Standards        | HDMI 2.0 |

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### Performance

|                            |          |
|----------------------------|----------|
| Video Revision             | HDMI 2.0 |
| Maximum Data Transfer Rate | 18Gbps   |

|                             |   |
|-----------------------------|---|
| Maximum Digital Resolutions | 4K 60Hz   |
| Audio Specifications        | HDMI - 32 Channel Audio<br>HDMI - 7.1 Channel Audio |
| MTBF                        | Rated beyond 10,000 connector mating cycles         |
| Supported Protocols         | HDMI 2.0  |

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#### Connector(s)

|             |          |
|-------------|----------|
| Connector A | 1 - HDMI |
| Connector B | 1 - HDMI |

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#### Environmental

|                       |   |
|-----------------------|---|
| Operating Temperature | 0&degC to 45&degC (32&degF to 113&degF)   |
| Storage Temperature   | -10&degC to 70&degC (14&degF to 176&degF) |
| Humidity              | 10% - 90%                                 |

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#### Physical Characteristics

|                   |                 |
|-------------------|-----------------|
| Color             | Black           |
| Connector Style   | Right Angled    |
| Material          | PVC             |
| Product Length    | 1.3 in [3.2 cm] |
| Product Width     | 1.1 in [2.9 cm] |
| Product Height    | 0.5 in [1.2 cm] |
| Weight of Product | 0.0 oz [0.0 g]  |

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#### Packaging Information

|                           |                  |
|---------------------------|------------------|
| Package Length            | 4.9 in [12.5 cm] |
| Package Width             | 3.5 in [9.0 cm]  |
| Package Height            | 0.4 in [1.0 cm]  |
| Shipping (Package) Weight | 0.6 oz [17.0 g]  |

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**What's in the Box**

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|---------------------|--|
| Included in Package | 1 - Right Angle HDMI 2.0 Adapter - M/F |
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***\*Product appearance and specifications are subject to change without notice.***

