

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

**Product ID:** HDMI2HDMIMFDN



This compact Down-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 Down 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
- Down-angle connection to reduce connector strain from bending

## Features

- **REDUCE CONNECTOR STRAIN:** Compact Down Angle HDMI Adapter connects an HDMI port to a cable to reduce strain on the port, connector, and cable 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., wall mounted TVs or AV cabinets); Enable improved access to concealed or rear-facing HDMI ports; HDMI 2.0 Port Saver reduces strain on HDMI ports from frequent connections
- **TECHNICAL SPECIFICATIONS:** Black; Down-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 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	1.2 in [3.1 cm]
Product Width	0.8 in [2.1 cm]
Product Height	0.6 in [1.6 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	0.6 in [1.5 cm]
Shipping (Package) Weight	0.4 oz [11.0 g]

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**What's in the Box**

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