

### Overview:

The 1x4 HDMI Splitter (100506) allows one (1) HDMI source to be distributed to up to four (4) HDMI displays. The splitter supports up to 4K (3840 X 2160) video and HD audio. The splitter is HDCP 1.4 & 2.2 compliant, supports EDID management and features LED diagnostics. Additionally, all connectors are on the rear panel for neater cabling.



### Key Features:

### Applications:

- Commercial and residential AV systems
- Classroom training systems
- Digital signage
- Boardroom systems
- Collaborative PC systems
- Medical information systems

- Distribute one HDMI 2.0 source to four displays
- Supports up to 4K @ 60Hz (4:4:4)
- HDCP 1.4 and 2.2 compliant
- Supports Dolby Vision, HDR and Deep Color
- Supports LPCM 7.1CH, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio and DTS:X
- Supports EDID management
- LED diagnostic

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|--------------------------|--|
| <b>Environment</b>       | HDMI 2.0a  |
| <b>Devices</b>           | Ultra HD Blu-Ray, projectors, monitors, TV, PC, laptops.   |
| <b>Transmission</b>      | Transparent to the user.   |
| <b>Video Bandwidth</b>   | 18 Gbps  |
| <b>Frequency Range</b>   | 25 to 600 MHz  |
| <b>Signals</b>           | HDMI 2.0a protocol.  |
| <b>HDCP</b>              | Revision 1.4 & 2.2 compliant.  |
| <b>Connectors</b>        | HDMI receptacle.   |
| <b>Rotary Switch</b>     | For setting the EDID to be sent to the source  |
| <b>LEDs</b>              | Power: Blue<br>Input & Output Link: Blue   |
| <b>Resolution</b>        | 480i to 1080p @ 50/60 FPS<br>1080p @ 24/50/60 FPS<br>3840 X 2160 @ 24/25/30/60 FPS   |
| <b>Color</b>             | 8, 10 & 12 bit   |
| <b>Audio</b>             | LPCM 7.1CH, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio and DTS:X   |
| <b>Cable</b>             | HDMI cable of appropriate length for video resolution selected.  |
| <b>Power Supply</b>      | One (1) 110-240V/5VDC , 1A power supply  |
| <b>Temperature</b>       | Operating: 0° to 40°C    Storage: -20° to 60°C<br>Humidity: up to 90% non-condensing |
| <b>Enclosure</b>         | Metal enclosure  |
| <b>Dimensions</b>        | 6.06" x 2.72" x 0.91" (155 mm x 68 mm x 24 mm)   |
| <b>Weight</b>            | 1.1 lbs (0.5 Kg)   |
| <b>Compliance</b>        | Regulatory: FCC, CE, RoHS  |
| <b>Warranty</b>          | 1 year   |
| <b>Order Information</b> | 100506 1X4 HDMI Splitter, 4K/60 (UPC: 627699505069)  |

**Typical Application**

