

PureTools - 48G Splitter Series

The Last Splitters You'll Ever Need

The Puretools 48G series is the most comprehensively useful HDMI splitter family ever devised. It delivers the cutting edge audiovisual performance of HDMI 2.1 at full 48Gbps FRL performance, as well as support for all other HDMI generations on the market. Enjoy stunning 8K HDR visuals, 120Hz VRR motion and all the latest video and audio codecs available. However, as not all systems have brand new components, we have made sure that there is support for legacy devices, resolutions, EDID's and all versions of HDCP! The 48G series is equipped with

problem solving tools including EDID management, HDCP handshake correction and an innovative CEC On/Off switch, to guarantee seamless integration with your setup. With its advanced downscaling capabilities, even mixed modern + legacy refs can work seamlessly together, ensuring full TV compatibility from 8K to 4K and 8K/4K to 1080p. Even audio de-embedding is possible over digital SPDIF and analogue 3.5mm. The most compatible splitter series on the market - perfect for any installation.



Full Bandwidth FRL and TMDs

With a staggering 48Gbps FRL (Fixed Rate Link) bandwidth, the PureTools HDMI 2.1 Splitter guarantees flawless distribution of your ultra high-resolution content and with full legacy TMDs support included, cross-compatibility with older systems is a simple plug and play experience.

Compatibility by Design

PureTools HDMI 2.1 Splitter is designed to seamlessly integrate with your existing setup. With comprehensive EDID management options and HDCP1.4 / 2.3 handshake management, you can bid farewell to compatibility issues. Plus our innovative CEC On/Off switch allows you to avoid mis-communication headaches at the flick of a switch.

Ultra HD Cinema, Ultra Smooth Gaming

Whether it's 8K resolution at 60Hz in 4:2:0 12bit, 8K resolution at 30Hz in 4:4:4 12bit, or 4K resolution at 120Hz in 4:4:4 12bit, or any of the varied additional DSC resolutions, the 48G series is ready. Enjoy the dynamic range of HDR10+, the cinematic experience of Dolby Vision, and the immersive sound of DTS-HD and the super high 120Hz frame rates intrinsic to HDMI 2.1. With support for both YCbCr 4:4:4 and 4:2:2, as well as YUV 4:2:0, this splitter ensures audio and video synchronization like never before.

Audio Flexibility

All splitters in the series come with digital SPDIF and analogue 3.5mm audio de-embedding capabilities as standard. For full 7.1 audio, a direct HDMI connection is the ideal method - simply use one of the main duplicated ports. Analogue, digital and full HDMI audio breakout - the choice is yours!




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Cutting Edge Visual Performance

PureTools HDMI 2.1 Splitter Family offers full support for VRR (Variable Refresh Rate), ALLM (Auto Low Latency Mode), QMS (Quick Media Switching), QFT (Quick Frame Transport), and SBTM (Static and Dynamic Metadata). These advanced features ensure a fluid and responsive audiovisual experience, optimized for gaming, streaming, and beyond.

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Art. No.	Description	Input	Output
 PT-SP-HD12-48G	PureTools - 1x2 HDMI 2.1 Splitter - 48Gbps - 8K (60Hz 4:2:0) 12bit, Audio De-Embedding and Signal Management	1x HDMI-A	2x HDMI-A 1x SPDIF (Toslink) 1x Analogue Stereo (3.5mm Jack)
 PT-SP-HD14-48G	PureTools - 1x4 HDMI 2.1 Splitter - 48Gbps - 8K (60Hz 4:2:0) 12bit, Audio De-Embedding and Signal Management	1x HDMI-A	4x HDMI-A 1x SPDIF (Toslink) 1x Analogue Stereo (3.5mm Jack)
 PT-SP-HD18-48G	PureTools - 1x8 HDMI 2.1 Splitter - 48Gbps - 8K (60Hz 4:2:0) 12bit, Audio De-Embedding and Signal Management	1x HDMI-A	8x HDMI-A 1x SPDIF (Toslink) 1x Analogue Stereo (3.5mm Jack)

PT-SP-HD12-48G



FRONT



BACK

PT-SP-HD14-48G



FRONT



BACK

PT-SP-HD18-48G



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All information is subject to confirmation and non-binding. Technical changes, printing errors and mistakes excepted.
The illustrations used in this document may differ from the delivered product.