

UHD Repeater

OEHLBACH UHD Repeater - HDMI® signal booster for 4K Ultra HD. Bridges long cable distances without quality loss - for TV, monitor and projector.

Product number	D1C6046
Weight	0.1kg
Length	170mm
Width	85mm
Height	30mm



Product description

With the enormously high resolution of 3,840 x 2,160 pixels of Ultra HD/4K content and the associated large amounts of data, the requirements for signal transmission are also increasing. Especially when long distances have to be covered, even high-quality cables are no longer sufficient to transmit the AV signals to a TV or projector without error artifacts. In this case the investment in a repeater is worthwhile. This is a compact adapter that amplifies the digital signals from the player, e.g. an Ultra HD Blu-ray player, a modern gaming console or a powerful computer, to the picture playback device. The Oehlbach UHD Repeater is simply plugged between the two cables. Two 24 carat gold-plated HDMI 2.0 interfaces are available for this purpose. Weighing only 27 g, the adapter comes in a cobalt-blue extruded aluminium housing and is therefore excellently shielded. A blue functional LED is also integrated, the power supply is provided by the connected player. The Oehlbach UHD Repeater supports 4K/Ultra HD signals at up to 60 frames per second with full YUV 4:4:4 color resolution. Cable lengths of up to 25 meters can be realized in combination with high-quality cables (e.g. Oehlbach XXL Carb 15m + 10m or Oehlbach Black Magic 10 m + 5 m).

Product properties

Transmission standard	Ultra High Speed HDMI
Features	24kt gold plated contacts, German Technology
Audio format	DTS-HD Master Audio, Dolby True HD, Dolby Digital, DTS:X, Dolby TrueHD, Controle LED, DTS HD, Dolby Digital EX, 5.1 DTS HD, Dolby Digital Plus, DTS-HD High Resolution Audio, Dolby Atmos
HDMI Features	High-Speed-HDMI@-cable, 30/36/48-bit Deep Color, 32 digital audio channels, 3D TV, 3D TV at 4 K resolution, 18 GBit/s data rate, Dolby Vision, HDR - High Dynamic Range Image
Housing material	Ultra thin single conductors
Quality level	Performance
Product Category	Electronics
Plug type 2	HDMI
Colour	Cobalt blue
Screen resolution	4K UHD 50/60 Hz
Plug type 1	HDMI

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