

VEO-XCH415, VEO- XCH430, VEO- XCH450 & VEO- XCH470

VIDEO CABLES

8K 48Gbps HDMI® Active optical Cable (AOC)



PRODUCT OVERVIEW

VEO-XCH Cable Series feature 48 Gbps professional-grade Active Optical HDMI® Cables (AOC) designed to complement Ecler's video product range. These high-performance cables ensure a reliable and seamless unidirectional HDMI® connection, supporting up to 8K 60Hz 4:4:4 resolution, 48-bit Deep Colour, and HDR content. The durable PVC jacket provides flexibility and robustness while maintaining a sleek black design, making them ideal for professional installations that require long-distance, high-quality HDMI® connections.

Available in 4 standard lengths of 15m, 30m, 50m and 70m, (49.2ft, 98.4ft, 164ft, 229.7ft).

KEY FEATURES

- Hybrid active optical PVC cable with fiber and copper wire.
- Support for unidirectional HDMI® 48Gbps 8K 60Hz 4:4:4 as specified in HDMI® 2.1.
- Support for HDR, VRR, QMS, QFT, ALLM and eARC.

APPLICATIONS

- All the applications where HDMI® connections are required.
- For long distances (15m, 30m, 50m and 70m).

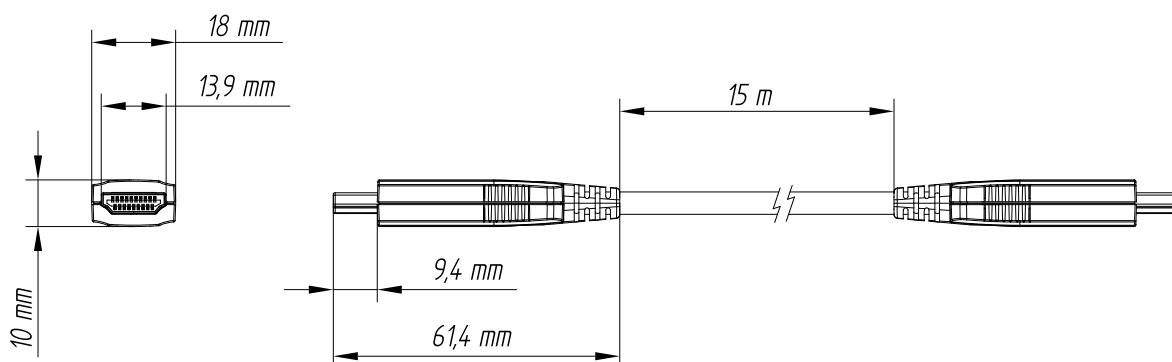
TECHNICAL SPECIFICATIONS

VEO-XCH Series	
Cable Performances	
Cable Connectors	1 x HDMI® Type A Female, 2.1, 48Gbps
Maximum Resolution supported	Up to 8K/60Hz
Colour Depth	12-bit
Maximum Video Bandwidth	48Gbps
Maximum Supported HDMI clock	1200MHz
Supported Signals	HDR, VRR, QMS, QFT, ALLM y eARC
Physical	
Cable Length	• VEO-XCH415: 15m (49.2ft) • VEO-XCH430: 30m (98.4ft) • VEO-XCH450: 50m (164ft) • VEO-XCH470: 70m (229.7ft)
Cable Diameter	4.5 mm
Internal Conductors	Fiber and Copper
Weight	• VEO-XCH415: 0.45 Kg / 0.992 lb • VEO-XCH430: 0.8 Kg / 1.764 lb • VEO-XCH450: 1.3 Kg / 2.866 lb • VEO-XCH470: 1.82 Kg / 4.012 lb
Shipping dimensions (WxHxD)	• VEO-XCH415: 225 x 38 x 235 mm / 8.86 x 1.5 x 9.25 in. • VEO-XCH430: 225 x 38 x 235 mm / 8.86 x 1.5 x 9.25 in. • VEO-XCH450: 225 x 73 x 235 mm / 8.86 x 2.87 x 9.25 in. • VEO-XCH470: 275 x 74 x 285 mm / 10.83 x 2.91 x 11.22 in.
Shipping weight	• VEO-XCH415: 0.55 Kg / 1.213 lb • VEO-XCH430: 0.9 Kg / 1.984 lb • VEO-XCH450: 1.44 Kg / 3.175 lb • VEO-XCH470: 1.92 Kg / 4.233 lb
Finished colour	Black

MECHANICAL DIAGRAM



Ecler VE0-XCH415 Mechanical Diagram



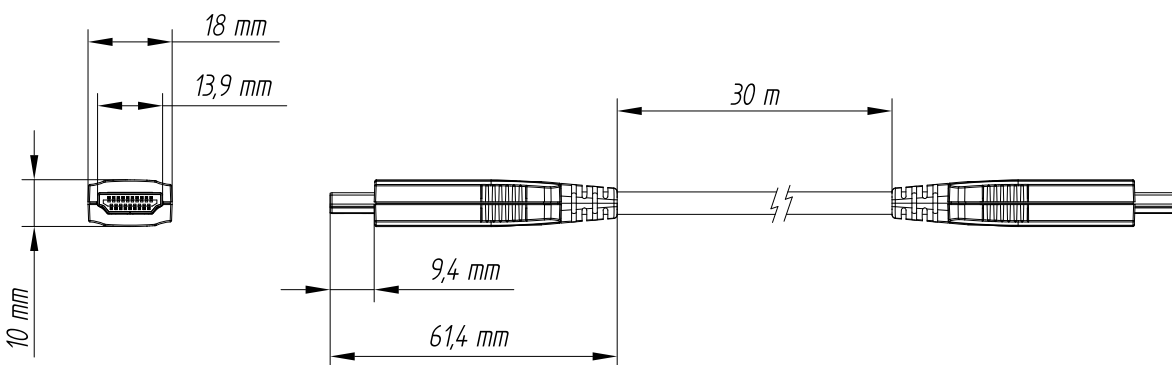
All the measurements are in mm

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Ecler VE0-XCH430 Mechanical Diagram



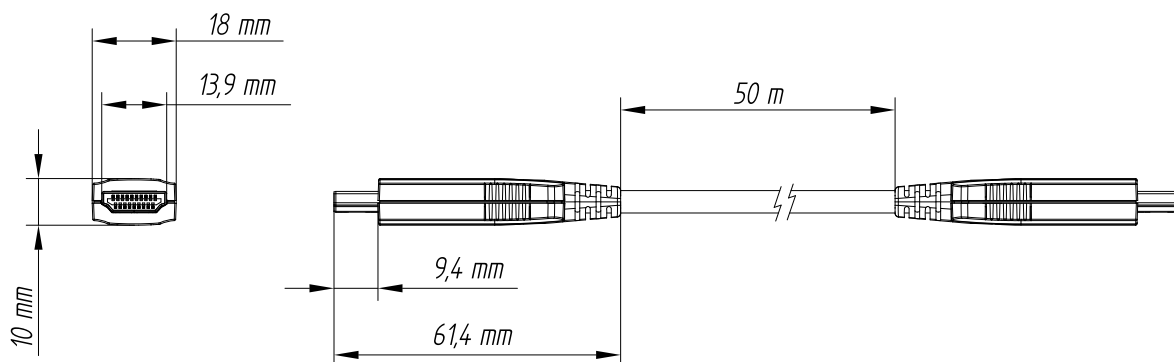
All the measurements are in mm

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Ecler VEO-XCH450 Mechanical Diagram

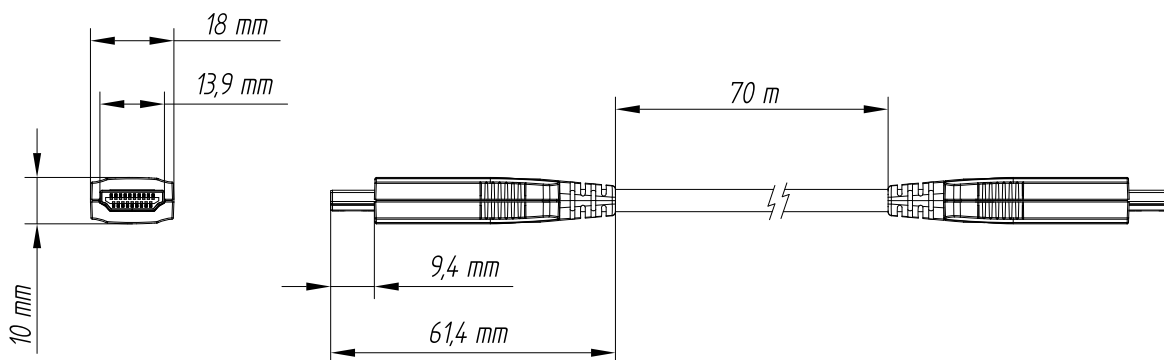


All the measurements are in mm

6I-1177-0100

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Ecler VEO-XCH470 Mechanical Diagram



All the measurements are in mm

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All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

For technical queries contact your supplier, distributor or complete the contact form on our website, in [Support / Technical requests](#).

Motors, 166-168 - 08038 Barcelona - Spain | Tel. (+34) 932238403 | information@ecler.com | www.ecler.com