

QED PERFORMANCE Optical Ultra High Speed HDMI 7.5m

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Kategorija proizvoda: Hi-Fi Digitalni Kablovi
Proizvođač: QED

Cena: 21.480,00 rsd

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FEATURES AND BENEFITS

Innovative hybrid design

The company's innovative Ultra High Speed Active Optical Technology™ hybrid design combines copper core with optical fibre that resists data degradation over extremely long lengths – all without the need for an external power supply.

Pure copper conductor cables three metres in length or more will cause the 48 Gb/s HDMI signal to

breakdown where it would no longer be reliably decoded at the other end. By replacing four of the nineteen copper cores with optical fibre, data transmissions will be unaffected by losses (due to impedance mismatch) or timing variances (due to crosstalk) over longer cable runs.

QED HDMI guarantee

All QED HDMI cables undergo stringent mandatory testing at an HDMI Forum Authorized Testing Centre to not only to ensure compatibility with the new 2.1 video standards but also to ensure low levels of electromagnetic radiation, to reduce the possibility of interference with wireless networks, streaming media players, Bluetooth devices and mobile phones.

The QED Ultra High Speed Active Optical Technology™ ensures this cable is fully certified, performing at the 48 Gb/s data rate with all the necessary attendant data and control signals demanded by HDMI 2.1 in lengths up to 20 metres - no matter what brand or combination of 2.1-compatible equipment being used.

Compliant with HDCP 2.2 and with full CEC, DDC, HDR, HEC and eARC compatibility, this cable has received the official stamp of approval from the HDMI Forum accredited laboratory in the form of the instantly recognisable Ultra High Speed Certification Program logo on the packaging. Just scan the QR code on the label using the official HDMI app to be reassured that the cable is a genuine QED Ultra Speed Active Optical HDMI cable.

Reaction to Fire certification

Professional installers or AV enthusiasts wishing to conceal the cable within the structure of a building can rest assured the cable's the Low Smoke Zero Halogen jacket and internal components are all certified and fully compliant with the latest EN 50575:2014 regulations. This covers cables for general applications in construction works subject to reaction to fire requirements which are now in force throughout the UK and EU.

*High Dynamic Range

High Dynamic Range (HDR) is a TV picture technology that offers greater contrast ratio and more brightness steps for a smoother picture with more detail in both bright and shadowy areas. A related technology usually associated with HDR is Wide Colour Gamut (WCG), which offers an expanded colour palette. Both technologies are supported by the new QED Performance Optical Ultra High Speed HDMI cable.

Technical Specifications

Full Compliance with 8K@60Hz 4:2:0 uncompressed resolutions. *Display Stream Compression for resolutions up to 10K@120hz (4:2:2)

Data transfer rates up to 48 Gb/s

Compatible with HDMI 2.1 standard: EDID, CEC, HDCP (2.2), HDR+ (High Dynamic Range), HEC, eARC

Backward compatible with HDMI 2.0/HDMI 1.4b

Triple-shielding further protects against interference for optimal signal quality

Ultra High Speed QR Code for peace of mind

Delivers dual video streams to compatible displays

Supports up to eight PCM channels, DTS-HD Master and Dolby Digital True HD surround sound audio

Delivers multi-stream audio to up to four users

Zinc-alloy HDMI connectors for enhanced durability and performance

OM3 fibre technology greatly reduces EMI/RFI emissions

Hybrid construction utilizes both fiber and copper

Extended temperature range from -40 to 70°C for installations in harsh environments or manufacturing floors

LSZH Jackets comply with Reaction to Fire Class CCA -s1, d0

Available in standard lengths 7.5 m, 10 m, 12 m, 15 m & 20 m

Source & Display clearly printed on the connector for easy identification

Has high pulling strength and compression load

Plug and Play, no external power required