

## QED Performance HDMI 1.0M HS

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Šifra: 10840

Kategorija proizvoda: Hi-Fi Digitalni Kablovi

Proizvođač: QED

Cena: **3.960,00** rsd

## FEATURES AND BENEFITS

### **SUPERIOR VIDEO AND AUDIO PERFORMANCE**

Independently tested to 15.9Gb/s\* to deliver High Speed w/Ethernet and exceed the latest HDMI specification. Supports Full HD, 3D, 4K and Deep Colour.

### **VERY LOW JITTER**

Performance HDMI measures at less than 50ps of jitter, significantly reducing the incidence of bit errors reaching the TV and maximising the audio and video data transfer.

*\* QED Laboratory tested 1m length using unequalised pseudo random bit pattern and standard eye mask for TP2 (H = 0.6<sub>TBIT</sub> V = 335mV)*

### **SHIELDED FOR ENHANCED SIGNAL PROTECTION**

Protects delicate digital signals from interference from high voltage equipment.

### **SPECIFICATIONS**

99.999% Oxygen Free Copper conductors  
3D Compatible  
Supports 4k x 2k Resolution  
Full HD 1080p60  
Deep Colour  
HDMI Ethernet & Audio Return Channel

QED Lifetime Guarantee

## CABLES MATTER

QED is the only UK manufacturer able to test HDMI cable designs beyond the scope of the current HDMI specification, which means it is uniquely placed to evaluate new technical innovations before deciding whether or not to introduce them into full production. QED has identified cable induced timing error, termed 'jitter', as one of the key differentiators between satisfactory and outstanding cables.

These findings have enabled us to optimise transmission speed and jitter performance to ensure that both exceed the high standards we set for our Performance cable range.

Naturally, because QED customers demand better, we have scientifically designed our cables to reduce jitter to the absolute minimum.

# QED VS THE COMPETITION

The eye diagram above demonstrates that a competitor's 3m HDMI cable narrowly passes the test and exhibits up to 103 pico seconds (ps) of jitter; enough to allow 'bit errors' into the video signal.

The diagram above shows the results of an identical test on a 3m QED Performance HDMI cable. The eye is much more 'open', showing superior headroom compared with the competitor cable. Importantly, Jitter is reduced to just 66 ps, significantly reducing the incidence of bit errors reaching the TV and maximising the audio and video data transfer.

## WHAT THIS CABLE IS USED FOR

### CONNECT YOUR:

Blu-ray  
DVD player  
Digital box  
Games console  
Home cinema amplifier

### TO YOUR:

3D TV  
4K TV  
Projector  
HDTV  
LCD TV  
Receiver  
AV Amplifier

## OVERALL PERFORMANCE

### 3D & 4K COMPATIBLE

3D = compatible with 3D TVs; cable has a minimum bit rate of 4.45 Gb/s  
1080p Full HD = a video resolution with a bit rate of 4.45 Gb/s  
4K = Highest native video resolution offered by HDMI 1.4b; 4096x2160p24 36 bit/px = bit rate 8.03 Gb/s  
High Speed with Ethernet = 10.2Gb/s so any High Speed Cable supports all these resolutions

### VERY LOW JITTER

Jitter is the undesired deviation from true periodicity of an assumed periodic signal in electronics and telecommunications, often in relation to a reference clock source. A cable displaying very low jitter has been measured at typically 50ps.

### HDMI HIGH SPEED WITH ETHERNET

Applies to any HDMI cable that has been tested at an authorised test centre and has been found to pass the eye mask test at a combined data rate of 10.2Gb/s 340Mhz pixel clock. The cable must also have passed testing of the CEC and DDC connectivity and be compliant with HDMI Ethernet and Audio Return Channel test procedure.