

# DATASHEET

## HDMI Kabel High Speed with Ethernet, black, 3 m



### General data

- Triple shielded with resistant connectors for a better performance
- This cable fully meets the requirements of world standard HDMI. All cable materials are 100% RoHS compliant and lead-free
- Connections: HDMI 19-pin male to HDMI 19-pin male
- High-speed, two-way communication up to 100 Mbps
- Supports HD resolutions beyond 1080p and Deep Color
- Compliant with HDMI High Speed
- Molded PVC boot
- HDMI Ethernet Channel: supports Internet via HDMI (HEC)
- Audio Return Channel: Allows an HDMI connected TV with a built-in tuner to send audio data "upstream" to a surround audio system
- No separate audio cable needed
- Supports 3D: defines protocols input / output for major 3D video formats, even for games and 3D home theater applications
- Supports a resolution of Ultra HD 4K

### General information

- Bandwidth: 18 Gbps
- 600 MHz
- Supports HEC

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### Connectors and Cable

- 2x HDMI 19-pin male
- Gold-plated contacts
- Shield: braid and aluminium foil
- Internal conductors: AWG 30
- Cable diameter: 6.0 mm

### Features

- Supports YCbCr 4:2:0
- Supports 32 audio channels
- Supports audio 1536 kHz
- Supports 4 audio streams
- Supports display 21:9

### Electrical information

- Current rating: 0.5 A DC
- Supports voltage 300 V DC
- Insulation resistance: 50 MOhm
- Conductive resistance: 2 Ohm

### Standards and Certifications

- UL 20276
- ISO 9002
- RU
- EC

### Package Contents

- High Speed HDMI Cable with Ethernet

| Technical properties         |         |
|------------------------------|---------|
| CEC                          | True    |
| Connection type connection 1 | Plug    |
| Connection type connection 2 | Plug    |
| Connector 1 angulation       | 180°    |
| Connector 2 angulation       | 180°    |
| Dust cover                   | No      |
| HEC (Ethernet channel)       | True    |
| Kink protection              | True    |
| Material Connector Housing   | PVC     |
| Max. resolution              | 4K@60Hz |
| Number of poles connection 1 | 19      |
| Number of poles connection 2 | 19      |
| Number of shieldings         | 2       |

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|                                |             |
|--------------------------------|-------------|
| Shielded                       | True        |
| Speed                          | 18 Gbit/s   |
| Type of connector connection 1 | HDMI Type A |
| Type of connector connection 2 | HDMI Type A |

### Available variants

| ArtNr.          | Bezeichnung                                       | Colour | Length |
|-----------------|---------------------------------------------------|--------|--------|
| ICOC-HDMI-4-005 | HDMI Kabel High Speed with Ethernet, black, 0,5 m | Black  | 0.5 m  |
| ICOC-HDMI-4-010 | HDMI Kabel High Speed with Ethernet, black, 1 m   | Black  | 1.0 m  |
| ICOC-HDMI-4-020 | HDMI Kabel High Speed with Ethernet, black, 2 m   | Black  | 2.0 m  |
| ICOC-HDMI-4-030 | HDMI Kabel High Speed with Ethernet, black, 3 m   | Black  | 3.0 m  |
| ICOC-HDMI-4-050 | HDMI Kabel High Speed with Ethernet, black, 5 m   | Black  | 5.0 m  |
| ICOC-HDMI-4-100 | HDMI Kabel High Speed with Ethernet, black, 10 m  | Black  | 10.0 m |
| ICOC-HDMI-4-150 | HDMI Kabel High Speed with Ethernet, black, 15 m  | Black  | 15.0 m |
| ICOC-HDMI-4-250 | HDMI Kabel High Speed with Ethernet, black, 25 m  | Black  | 25.0 m |

### Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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