

# DATASHEET

## HDMI High Speed with Ethernet Flat Cable 4K 60Hz 0,5m



### General data

- High Speed HDMI 2.0 flat cable with high quality Ethernet
- Tangle resistant design; allows easy cable management
- Supports HDMI with Ethernet, Audio Return Channel, 3D video, 4K @ 60Hz Display and Deep Color
- Activates the ARC audio transmission of the TV for transmission via the audio system; no additional audio cable is required
- High-speed Ethernet, two-way communication up to 100 Mbps
- Up to 10.2 Gbps of 340 MHz
- Fully shielded to reduce electromagnetic interference (EMI) and other sources of interference
- Compatible with any HDMI device, such as Blu-ray, game consoles, stereo, PC and more

### General information

- HDMI 2.0
- Bandwidth: 10.2 Gbps of 340 MHz
- Supports HEC
- Compliant or superior to existing HDMI standards
- Length: 0.5 meters

### Connectors

- (2) HDMI 19 pin male

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- Contacts with gold coating
- PVC die-cast connector covers
- Connector for cable clamp

### Cable

- 30 AWG cable
- Double shielding
- Current index: 0.5 A DC
- Voltage: 300 V DC
- Insulation resistance: 10 MOhms min.
- Conductive resistance: 5 Ohm
- Thermal plastic casing

### Standards and certifications

- UL 20276
- ISO 9001
- HDMI 2.0
- RoHS

### Technical properties

|                                     |             |
|-------------------------------------|-------------|
| Cable type (passive/active/optical) | passive     |
| Connection type connection 1        | Plug        |
| Connection type connection 2        | Plug        |
| Connector 1 angulation              | 180°        |
| Connector 2 angulation              | 180°        |
| Dust cover                          | false       |
| HEC (Ethernet channel)              | True        |
| Kink protection                     | True        |
| Material Connector Housing          | PVC molded  |
| Max. resolution                     | 4K@60Hz     |
| Model                               | Flat Cable  |
| Number of poles connection 1        | 19          |
| Number of poles connection 2        | 19          |
| Shielded                            | True        |
| Speed                               | 100 Mbit/s  |
| Supported protocols / functions     | HDMI2.0     |
| Type of connector connection 1      | HDMI Typ A  |
| Type of connector connection 2      | HDMI Type A |

### Available variants

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| ArtNr.              | Bezeichnung                                           | Colour | Length | AWG   |
|---------------------|-------------------------------------------------------|--------|--------|-------|
| ICOC-HDMI2-FE-005TY | HDMI High Speed with Ethernet Flat Cable 4K 60Hz 0,5m | Black  | 0.5 m  | 30AWG |
| ICOC-HDMI2-FE-010TY | HDMI High Speed with Ethernet Flat Cable 4K 60Hz 1m   | Black  | 1.0 m  | 30AWG |
| ICOC-HDMI2-FE-020TY | HDMI High Speed with Ethernet Flat Cable 4K 60Hz 2m   | Black  | 2.0 m  | 30AWG |
| ICOC-HDMI2-FE-030TY | HDMI High Speed with Ethernet Flat Cable 4K 60Hz 3m   | Black  | 3.0 m  | 30AWG |
| ICOC-HDMI2-FE-050TY | HDMI High Speed with Ethernet Flat Cable 4K 60Hz 5m   | Black  | 5.0 m  | 30AWG |

### 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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