

DATASHEET

HDMI High Speed with Ethernet Flat Cable 4K 60Hz 2m



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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