

DATASHEET

HDMI 4K 60Hz High Speed Connection Cable with Ethernet, black, 1 m



General data

Cable based on a new technology that offers the best data transmission between the HDMI™ source and HDMI™ display. The five twisted pairs offer better data transmission between devices

Triple shielding with resistant connectors for better performance able to optimize the signal with data integrity, even in installation environments subject to the worst EMS interference

ATC certified, this cable fully complies with the requirements of the worldwide HDMI™ standard. All cable materials are 100% RoHS compatible and lead free

Connections from HDMI™ 2.0 19-pin male to HDMI™ 19-pin male

High-speed, bidirectional communication up to 100 Mbps

Supports 4K * 2K / 60Hz resolution

Compliant with HDMI™ High Speed specifications

Die-cast PVC connector cover

HDMI™ Ethernet Channel: supports internet connection via HDMI™ (HEC)

Audio Return Channel (ARC) : allows an HDMI™ connected to a TV with an integrated tuner to send the audio data "upstream" to a surround sound system, eliminating the need for a separate audio cable

Supports 3D: defines input / output protocols for the main 3D video formats, also for games and 3D home theater applications

General information

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Bandwidth: 18 Gbps
Maximum resolution: 4096 × 2160 60 Hz
600 MHz
Supports HEC

Connectors and cable
2 x HDMI™ 2.0 19-pin male
Gold coated contacts
Die-cast PVC connector covers
Shielded, braid and aluminum foil
Internal conductors: AWG 30
Cable diameter: 6.0 mm

Features
Supports YCbCr 4: 2: 0
Supports 32 audio channels
Supports 1536 kHz audio
Supports 4 audio streams
Supports 2 audio streams
Supports 21: 9 display
Electrical information
Current index: 0.5 A DC
Supports voltage 300 V DC
Insulation resistance: 50 MOhms
Conductive resistance: 2 Ohms

Standards and certifications
UL20276, ISO 9002, CE, RoHS, REACH

Technical properties

Connection type connection 1	Plug
Connection type connection 2	Plug
Number of poles connection 1	19
Number of poles connection 2	19
Type of connector connection 1	HDMI Typ A
Type of connector connection 2	HDMI Type A

Available variants

ArtNr.	Bezeichnung	Colour	Length
ICOC-HDMI2-4-005T	HDMI 4K 60Hz High Speed Connection Cable with Ethernet, black, 0,5 m	Black	0.5 m
ICOC-HDMI2-4-010T	HDMI 4K 60Hz High Speed Connection Cable with Ethernet, black, 1 m	Black	1.0 m

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ICOC-HDMI2-4-020T	HDMI 4K 60Hz High Speed Connection Cable with Ethernet, black, 2 m	Black	2.0 m
ICOC-HDMI2-4-030T	HDMI 4K 60Hz High Speed Connection Cable with Ethernet, black, 3 m	Black	3.0 m
ICOC-HDMI2-4-050T	HDMI 4K 60Hz High Speed Connection Cable with Ethernet, black, 5 m	Black	5.0 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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