



## DATA SHEET

### High Speed HDMI<sup>®</sup> to Mini HDMI Cable with Ethernet - 4K 60Hz

Connect a Mini HDMI enabled device to a display and support the latest HDMI audio and video features including up to 4K Ultra HD

#### OVERVIEW

The High Speed HDMI to Mini HDMI Cable with Ethernet - 4K 60Hz is perfect for connecting a smartphone, tablet, or other mobile devices to an HD display for home theater and desktop applications or any other Mini HDMI applications requiring high speed HDMI features and video resolutions up to 4k (4096 x 2160) at 60Hz.

This High Speed HDMI to Mini HDMI Cable offers many features like 3D video, deep color, Dolby[R] True HD, DTS-HD Master Audio, and up to 32 audio channels for a multi-dimensional immersive audio experience. Simultaneously deliver dual video streams to multiple users on the same screen, while also delivering multi-stream audio up to four users, giving a dynamic synchronization of video and audio streams. All these features will catch the attention of the audience, providing a more realistic video experience.

This High Speed HDMI to Mini HDMI Cable supports the updated library of Consumer Electronic Control (CEC) commands, allowing communication between devices connected through the HDMI ports. The Ethernet capabilities of the cable allow for Ethernet-enabled HDMI devices to access interactive online content or update device firmware. The gold plated connectors on the cable allow for better shielding, increased electrical conductivity, and durability. Lastly, this fully-functional, high bandwidth cable has been tested to perform at industry standards and is backed by a lifetime warranty.

#### FEATURES

- Supports all HDMI 2.0 features including resolutions up to 4K (4096 x 2160) at 60hz, which means higher quality video for viewing your screen content
- Bi-directional adapter cable, for HDMI to Mini HDMI or Mini HDMI to HDMI
- Supports 3D video for a more appealing and realistic video experience
- Supports 32 audio channels for an immersive audio experience
- Supports CEC extensions for control of consumer electronics devices through a single control point
- Gold plated connectors for increased electrical conductivity and enhanced durability
- Backed by a Lifetime Warranty for peace of mind

#### ITEM

#### DESCRIPTION

50617	18in High Speed HDMI to Mini HDMI Cable with Ethernet - 4K 60Hz
50618	3ft High Speed HDMI to Mini HDMI Cable with Ethernet - 4K 60Hz
50619	6ft High Speed HDMI to Mini HDMI Cable with Ethernet - 4K 60Hz
50620	10ft High Speed HDMI to Mini HDMI Cable with Ethernet - 4K 60Hz

## SIGNAL SPECIFICATIONS

- Supports HDMI Resolutions up to 4K 60Hz, 4:4:4, 18Gbps
- Supports Full HD Blu-ray Disc and HD DVD Video
- Supports 3D Video
- 2 Video Streams (Dual View)
- Perceptual Quantizer (PQ HDR OETF (SMPTE ST 2084)
- Hybrid Log-Gamma (HLG) HDR OETF
- Static HDR Metadata (SMPTE ST 2086)
- DVD Audio, Super Audio CD (DSD)
- Dolby® True HD, DTS-HD Master Audio Bitstream Capable
- 4 Audio Streams
- Audio Return Channel (ARC)
- Ethernet Channel: 100 Mbit/s
- Consumer Electronic Control (CEC), with Updated List of CEC Commands

## ELECTRICAL SPECIFICATIONS

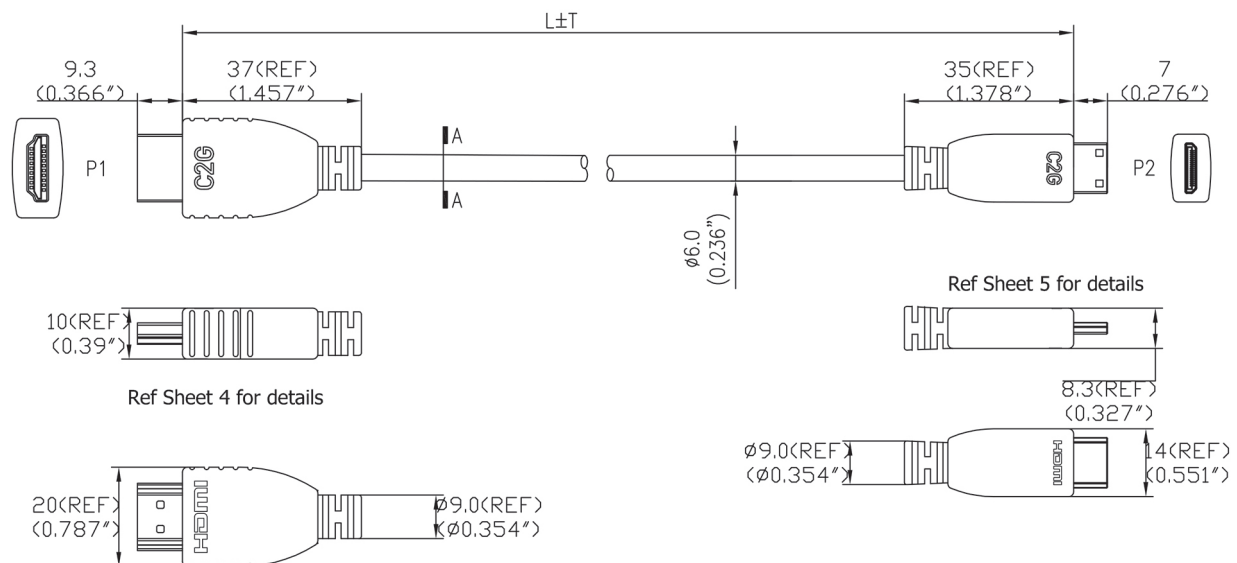
- Voltage Rating: 30V
- Temp Rating: 80°C
- Conductor Resistance: at 20°C Max 30AWG:376 OHM/km
- Insulation Resistance: 10M OHM/km Min at 20°C DC 500V
- Spark Test: AC1500V/In the Air
- Dielectric Strength: AC500V/1 Minute No Breakdown
- Impedance: Pairs (Differential Mode) 100±10 OHM

## PHYSICAL SPECIFICATIONS:

- Operating Temperature: -20°C to 80°C
- Storage Temperature: -20°C to 80°C

## PHYSICAL CHARACTERISTICS:

- Tensile Strength: Unaged: 1500PSI min; Aged: 70% min
- Elongation: Unaged: 100% min; Aged: 65% min
- Deformation Test: Max 50%
- Cable Jacket Ratings: VW-1
- Shield Type: AL Foil Wrap, Braid: 16\*9/0.10mm
- Minimum Bend Radius: R42MM
- Connector: P1 & P2: HDMI 19 Pin Male: Solder Type, Contacts: Brass, Gold Flash, Housing: LCP, Black, Shell: Gold Plating
- All Hood: Molded Black (Pantone/#Black 6C) PVC
- Product is CE Marked and Conforms to 2011/65/EU ROHS 2



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