



## DATA SHEET

### High Speed HDMI® Cable with Ethernet - 4K 60Hz

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

#### OVERVIEW

The High Speed HDMI Cable with Ethernet - 4K 60Hz is perfect for connecting a wide variety of devices from computers to projectors and monitors, home entertainment systems to HDTVs and gaming systems, or any audio video applications requiring high speed HDMI features and video resolutions up to 4k (4096 x 2160) at 60Hz.

This High Speed HDMI Cable offers many features like 3D video, deep color, Dolby® 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 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
- 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

#### High Speed HDMI Cables with Ethernet - 4K 60Hz

0.3m	0.5m	0.5m	0.6m	0.9m	1m	1.2m	1.4m	1.5m	1.8m	2m	2.4m	2.9m	3m	3.6m	4.5m
56781	50606	82024	50607	56782	82004	50608	82025	50609	56783	82005	50610	82006	56784	50611	50612

## SIGNAL SPECIFICATIONS

- Supports HDMI Resolutions up to 4K 60Hz, 4:4:4, 18 Gbps
- 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

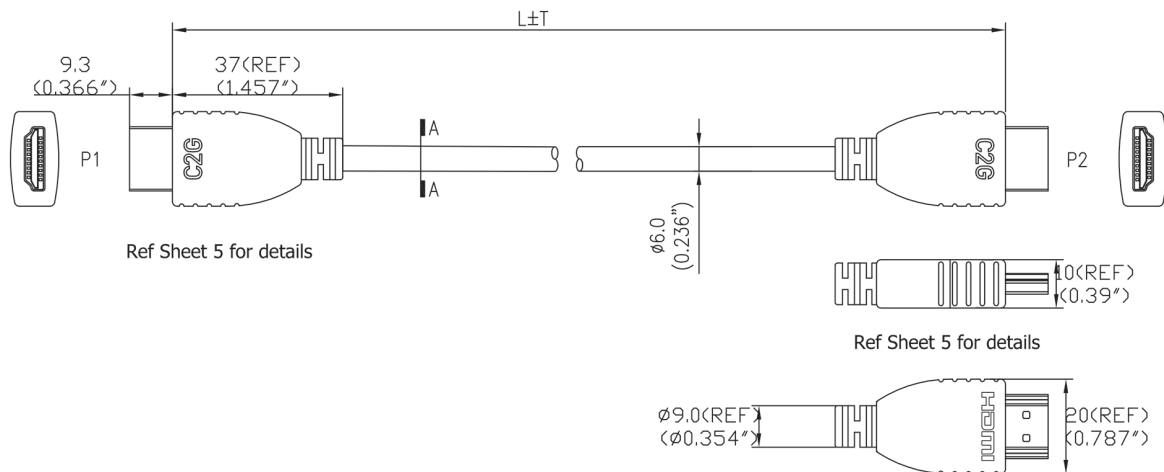
- Voltage Rating: 30V
- Temp Rating: 80°C
- Conductor Resistance: at 20°C Max 30AWG: 376 OHM/km
- 50611 & 50612: Conductor Resistance: at 20°C Max 28AWG: 237OHM/km
- Insulation Resistance: 10M OHM/km Min at 20°C DC 500V
- Spark Test: AC1500V/In the Air
- Dielectric Strength: AC500V/1 Minute No Breakdown
- 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
- 50611 & 50612: Shield Type: AL Foil Wrap, Braid: 16\*11/0.10mm
- Minimum Bend Radius: R42MM
- 50611 & 50612: Minimum Bend Radius: R51MM
- 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



# C2G

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COMMERCIAL AV BRANDS

C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Projecta | Vaddio