



## DATA SHEET

### C2G Performance Series Ultra Flexible Active High Speed HDMI® Cable - 4K 60Hz In-Wall, CMG (FT4) Rated

Extend HDMI signals over a high performance active HDMI cable and support HDMI audio and video features including 4K Ultra HD

#### OVERVIEW

The C2G Performance Series Ultra Flexible Active High Speed HDMI Cable is perfect for connecting a wide variety of devices from computers to projectors and monitors, AV presentation furniture, or in-wall applications requiring high speed HDMI features and video resolutions up to 4k (4096 x 2160) at 60Hz — perfect for conference rooms, classrooms, churches, and other commercial installations.

This Ultra Flexible Active High Speed HDMI Cable was designed for installations in tight spaces and offers commercial grade connectors that feature compact overmolding for high density environments, integrated finger grips on the top, bottom, and sides, for easy insertion and removal, and the gripping connector shell has 2x greater port retention to keep your devices connected. The gold plated connectors on the cable allow for better shielding, increased electrical conductivity, and durability.

This Ultra Flexible Active High Speed HDMI Cable amplifies the signal from the source and sends it longer distances without degrading that signal. Active HDMI cables can only run in one direction — connect the source end to the source and the display end to your display. The connectors are conveniently labeled for source and display, so there is no confusion with this directional cable. The source connector end even has a tag on the cable as an extra reminder. 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
- In-wall (CMG/FT4) rated jacket, so you can safely run the cable inside of a wall and have a clutter free, clean look
- Integrated finger grips on the connectors for easy insertion and removal
- Gripping connector shell for 2x greater port retention
- Gold plated connectors for increased electrical conductivity and enhanced durability
- Directional cable with source connector labeled and tagged to easily differentiate from the labeled display connector
- Supports CEC extensions for control of consumer electronics devices through a single control point
- Backed by a Lifetime Warranty for peace of mind

#### ITEM DESCRIPTION

C2G10379	3.7m (12ft) C2G Performance Series Ultra Flexible Active High Speed HDMI Cable - 4K 60Hz In-Wall, CMG (FT4) Rated
C2G10380	4.5m (15ft) C2G Performance Series Ultra Flexible Active High Speed HDMI Cable - 4K 60Hz In-Wall, CMG (FT4) Rated
C2G10381	6.1m (20ft) C2G Performance Series Ultra Flexible Active High Speed HDMI Cable - 4K 60Hz In-Wall, CMG (FT4) Rated
C2G10382	7.6m (25ft) C2G Performance Series Ultra Flexible Active High Speed HDMI Cable - 4K 60Hz In-Wall, CMG (FT4) Rated
C2G10383	10.7m (35ft) C2G Performance Series Ultra Flexible Active High Speed HDMI Cable - 4K 60Hz In-Wall, CMG (FT4) Rated
C2G10384	15.2m (50ft) C2G Performance Series Ultra Flexible Active High Speed HDMI Cable - 4K 60Hz In-Wall, CMG (FT4) Rated

## 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
- 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
- Ethernet Channel: 100 Mbit/s
- Consumer Electronic Control (CEC), with Updated List of CEC Commands

## ELECTRICAL SPECIFICATIONS

- Supply Voltage: 30V
- Temp: Connector Temp Rating: 220°C; Cable Temp Rating: 80°C
- Operation Current at Specific Resolution/Frame Rates if Large Variance: 50~100mA
- Power Consumption at Same Specific Resolution/Frame Rate Listed Above: 250~500mA
- Differential Data Input Voltage: 3.3V
- Differential Data Output Voltage: 3.3V

## PHYSICAL SPECIFICATIONS

- Operating Temperature: -40°C to 85°C; 85% RH (Non Condensing)
- Storage Temperature: -10°C to +55°C; 85% RH (Non Condensing)
- Cable Tensile Strength: 100N
- Cable Jacket Ratings: CMG
- Connector Tensile Strength Attachment to Cable: Short Term Load: 10 kgf/One Minute
- Connector Gripping Force: HDMI Splint Type Connector Withdrawl Force: 27.44~34.3 N (9.8 N/1.0 kgf Minimum; 39.2 N/4.0 kgf Maximum)
- Connector Gripping Force: HDMI Insertion Force: 27.24~29.79 N (44.1 N/4.5 kgf Maximum)
- HDMI Connector Withdrawl Force: 3.12~3.28 kgf (9.8 N/1.0 kgf Minimum; 3.92 N/4.0 kgf Maximum)
- HDMI Insertion Force: 2.54~2.61 kgf (44.1 N/4.5 kgf Maximum)

## PHYSICAL CHARACTERISTICS

- Material: Housing: PVC Molding
- SR-Mold: PVC, Color: Black
- Jacket Color: Black
- Housing: Black; Recessed "Display" & "HDMI" & "Source" in Black
- Cable Label Requirement: Label will be placed 50mm from the "Source" Connector; Label will read "To Source"; Label Will Also Have Length Information XX.XM (XXXFT)
- Connector Insulator: Blue; Front of the Housing: Blue; "C2G": Blue
- Connector: HDMI Type A Male Connector, Metal Shell Gold Plated, Electrical Contact Copper; Alloy Gold Plated 5u; Insulator Color: Blue
- Product is CE Marked and Conforms to 2011/65/EU ROHS 2

### Parts C2G10379-82

- Minimum Bend Radius: 48mm
- Jacket OD: 6.0±0.20mm; Jacket Material: PVC; Jacket Thickness: 0.56mm (REF)
- Shield Drain: 7/0.10T (30AWG); Shield AL/Mylar: AL Face Inside; Shield Mylar: Transparent Mylar Tape
- Shield Filler: Filler; Shield Paper: Paper; Paper; Shield Consitution N/mm: 16/10/0.10; Shield Material: Tinned Copper; Shield Coverage %: 85%
- Cable UL/CUL/CSA Rating: Print: High Speed HDMI Cable With Ethernet E468040 (UL) CL2 75°C 30AWG; 468039 (UL) CMG c(UL) 75°C FT4 30AWG

### Parts C2G10383-4

- Minimum Bend Radius: 76mm
- Jacket OD: 9.5±0.20mm; Jacket Material: PVC; Jacket Thickness: 0.60mm (REF)
- Shield Drain: 7/0.20T (24AWG); Shield AL/Mylar: AL Face Inside; Mylar
- Shield Filler: Filler; Shield Paper: Paper; Paper; Shield Consitution N/mm: 24/11/0.10; Shield Material: Tinned Copper; Shield Coverage %: 85%
- Cable UL/CUL/CSA Rating: Print: High Speed HDMI Cable With Ethernet E468040 (UL) CL3 75°C 24AWG; 468039 (UL) CMG c(UL) 75°C FT4 24AWG



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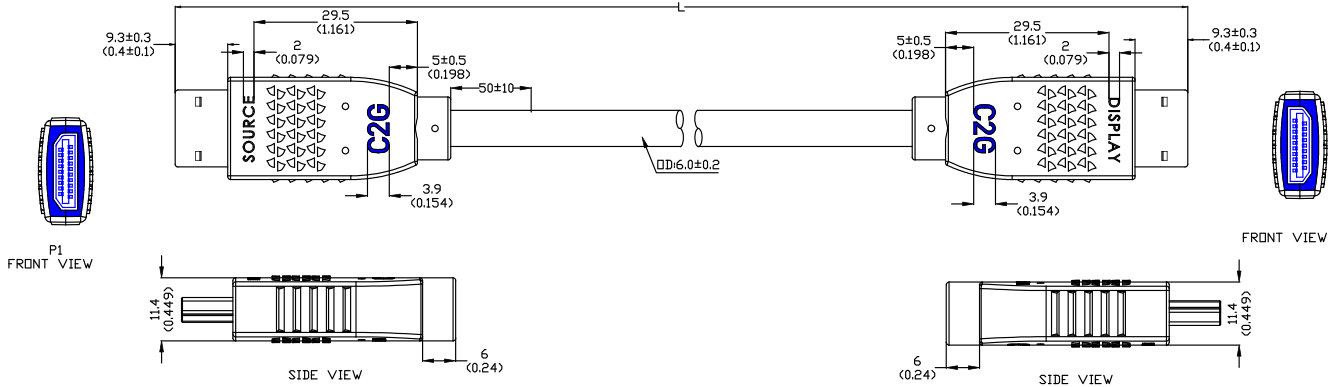
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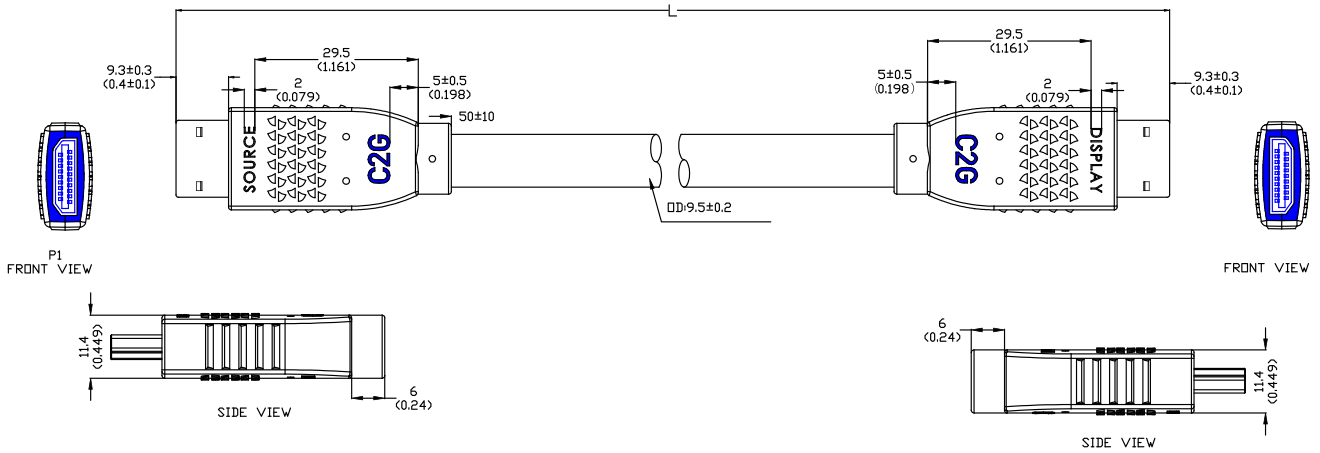
EMEA +31 495 580 840 | [c2g.emea@av.legrand.com](mailto:c2g.emea@av.legrand.com)

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## C2G10379-82



## C2G10383-84



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SIMPLIFIED CONNECTIVITY | [c2g.com/uk](http://c2g.com/uk) | [legrandav.com](http://legrandav.com)

EMEA +31 495 580 840 | [c2g.emea@av.legrand.com](mailto:c2g.emea@av.legrand.com)

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