



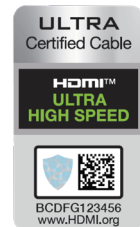
## PERFORMANCE SERIES

Premium Reliability.

### Ultra High Speed HDMI® Cable

C2G Performance Series Ultra High Speed HDMI® Cables support a super immersive viewing experience with resolutions up to 8K, four times as many pixels that 4K offers. Ultra-fast motion images from fast-action videos, gaming, and VR applications are crisp and sharp with the 4K 120Hz capability. Other resolutions are also supported, including 5K and 10K for commercial AV, industrial, and specialty usages. The 48Gbps bandwidth allows higher resolutions, faster refresh rates, and enhanced audio and media features.

Dynamic HDR optimizes displayed video on a scene-by-scene or even a frame-by-frame basis and provides an extended contrast range providing darker blacks and brighter whites and greater image detail in all color spaces of the image. In addition, enhanced Audio Return Channel (eARC) is supported, an evolution of the previous Audio Return Channel (ARC), which now supports the latest audio formats up to 192kHz, 24-bit, and uncompressed 5.1 and 7.1, and 32-channel uncompressed audio.





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## Ultra High Speed HDMI® Cable

### FEATURES

- Tested to conform with the Ultra High Speed HDMI® Cable Certification Program
- Supports 8K (7680 × 4320) 60Hz, 4K (4096 x 2160) 120Hz, and 10K resolutions and refresh rates for immersive viewing
- Bandwidth up to 48Gbps to support ultra high speed features
- Dynamic HDR for greater image detail
- Enhanced Audio Return Channel (eARC), which supports the latest audio formats
- Integrated finger grips on the connectors for easy insertion and removal
- Gripping connector shell for 2x greater port retention
- Ultra High Speed Cable type, backward compatible with earlier HDMI specifications
- Exceptionally low EMI (electro-magnetic interference), which reduces interference with nearby wireless devices
- Backed by a Lifetime Warranty for peace of mind

Performance Series Ultra High Speed HDMI® Cable	
<b>C2G10452</b>	2ft (0.6m) C2G Performance Series Ultra High Speed HDMI® Cable - 8K 60Hz In-Wall, CMG, FT4
<b>C2G10453</b>	3ft (0.9m) C2G Performance Series Ultra High Speed HDMI® Cable - 8K 60Hz In-Wall, CMG, FT4
<b>C2G10454</b>	6ft (1.8m) C2G Performance Series Ultra High Speed HDMI® Cable - 8K 60Hz In-Wall, CMG, FT4
<b>C2G10455</b>	10ft (3m) C2G Performance Series Ultra High Speed HDMI® Cable - 8K 60Hz In-Wall, CMG, FT4
<b>C2G10456</b>	12ft (3.6m) C2G Performance Series Ultra High Speed HDMI® Cable - 8K 60Hz In-Wall, CMG, FT4



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## SPECIFICATIONS

SIGNAL SPECIFICATIONS	HDMI Resolutions up to 8K (7680 × 4320) at 60Hz, 4K (4096 × 2160) at 120Hz, and 10K	
	Signal Bandwidth	48Gbps
	HDMI Audio	Uncompressed 5.1 and 7.1; 32-Channel Uncompressed Audio
ELECTRICAL SPECIFICATIONS	Voltage Rating	30V
	Temp Connector	Temp Rating: 220°C
	Cable	Temp Rating: 75°C
	Conductor Resistance	3FT: 2Ω; 6FT: 3Ω; 10FT: 4Ω; 12FT: 5Ω
	Insulation Resistance	10MΩ
	Withstand Voltage	AC 300V, DC 300V
	Differential Data Input Voltage	4.8V to 5.3V
Differential Data Output Voltage	4.7V to 5.3V	
PHYSICAL SPECIFICATIONS	Operating Temperature	-20°C to +75°C; 85% RH (Non-Condensing)
	Storage Temperature	-10°C to +55°C; 85% RH (Non-Condensing)
	Tensile Strength	100N
	Minimum Bend Radius	48mm
	Minimum Bend Radius	64mm (C2G10456 only)
	Cable Jacket Ratings	CMG, FT4
	Connector Gripping Force	HDMI Withdrawal Force: 9.8N/1.0kgf Min; 39.2N/4.0kgf Max
Connector Gripping Force	HDMI Insertion Force: 44.1N/4.5kgf Max	
PHYSICAL CHARACTERISTICS	Housing	PVC Molding, Black; Front of Housing Around Connector: Blue; C2G Logo: Blue
	Connector Insulator	Blue
	Jacket	PVC, Black
	Jacket OD	6.0mm
	Jacket OD	8.0mm (C2G10456 only)
	Conductor AWG	30AWG
	Conductor AWG	26AWG (C2G10456 only)
	Connector	HDMI Type A Male Connector, Metal Shell Gold Plated, Electrical Contact Copper; Alloy Gold Plated 5u'
	Product is CE Marked and Conforms to 2011/65/EU ROHS 2	
	Cable Marking	<b>C2G10452, C2G10453, C2G10454, C2G10455</b> - Ultra High Speed HDMI <sup>®</sup> Cable (48Gbps, 8K/60Hz) E468040 (UL) CL2 75° 30AWG E468039 (UL) CMG c(UL) 75° FT4 30AWG <b>C2G10456</b> - Ultra High Speed HDMI <sup>®</sup> Cable (48Gbps, 8K/60Hz) E468040 (UL) CL2 75° 26AWG E468039 (UL) CMG c(UL) 75° FT4 26AWG

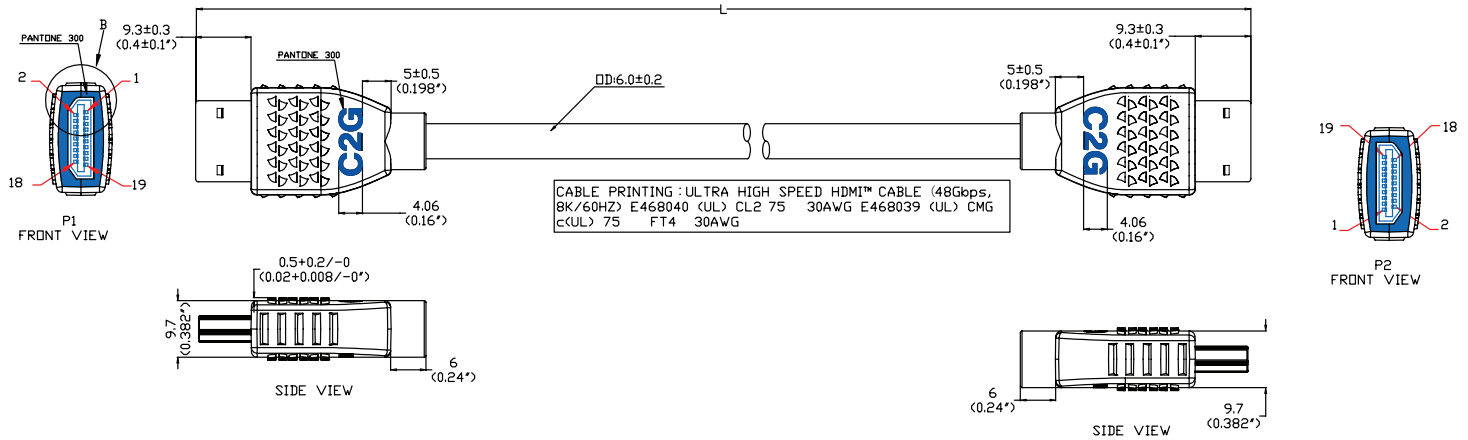


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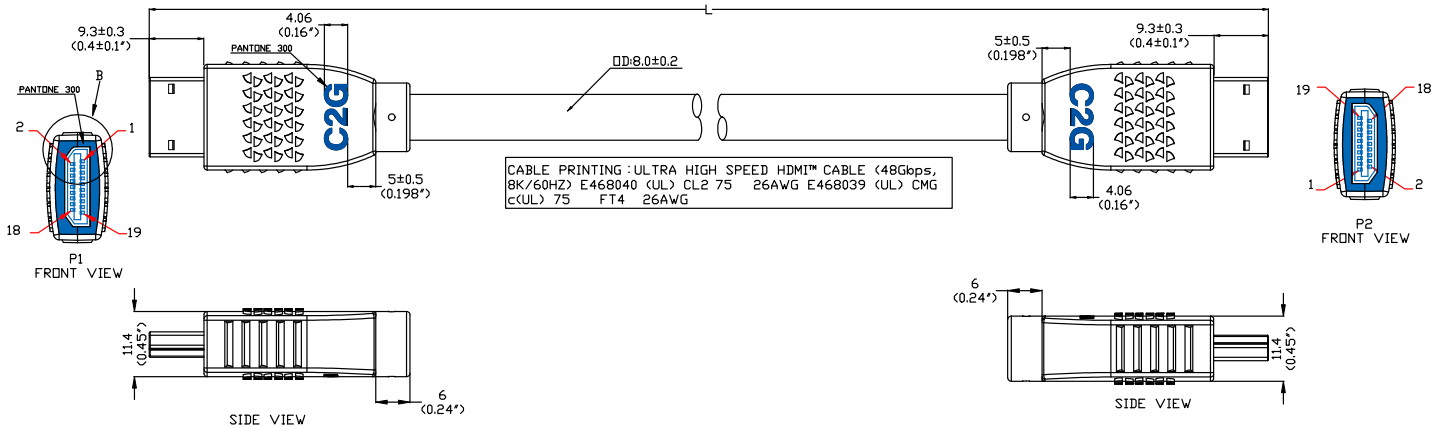
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## TECHNICAL DRAWING

C2G10452, C2G10453, C2G10454, C2G10455



C2G10456



C2G | CHIEF | CONNECTRAC | DA-LITE | LUXUL | MIDDLE ATLANTIC | ON-Q | SANUS | VADDIO | WIREMOLD