



## PERFORMANCE SERIES

Premium Reliability.

### Premium High Speed HDMI<sup>®</sup> Cable with Ethernet

C2G Performance Series Premium High Speed HDMI<sup>®</sup> Cable with Ethernet have been tested to conform with the Premium HDMI Cable Certification Program for highest performance and ultra-reliability. This cable is ideal for HD Blu-ray and HD DVD video, experiencing resolutions up to 4K (4096 x 2160) at 60Hz, bandwidths up to 18Gbps, HDR for higher contrast ratios and vivid colors, plus 32 uncompressed digital audio channels to provide crystal-clear sound—perfect for home theater applications or digital signage.

These cables are designed to exceed the highest measure of HDMI performance and will enhance video experiences with higher resolutions, increased speeds, and sharper images. They include 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.

C2G Performance Series Premium High Speed HDMI<sup>®</sup> Cable with Ethernet has been tested to deliver the full 18Gbps bandwidth required by the specifications for Premium High Speed HDMI Certification. The cable also supports Consumer Electronic Control (CEC) commands, allowing communication between devices connected through the HDMI ports. Lastly, this fully-functional, high bandwidth cable is backed by a lifetime warranty.





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### Premium High Speed HDMI® Cable with Ethernet

#### FEATURES

- Tested to conform with the Premium HDMI® Cable Certification Program for highest performance and ultra-reliability
- Supports resolutions up to 4K (4096 x 2160) at 60Hz 4:4:4, meaning a higher-quality video for a superior viewing experience of 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
- Supports CEC extensions for control of consumer electronics devices through a single control point
- Backed by a Lifetime Warranty for peace of mind

Premium High Speed HDMI® Cable with Ethernet	
<b>50181 or CG50181</b> <sup>†</sup>	3ft (0.9m) C2G Performance Series Premium High Speed HDMI® Cable with Ethernet
<b>50182 or CG50182</b> <sup>†</sup>	6ft (1.8m) C2G Performance Series Premium High Speed HDMI® Cable with Ethernet
<b>50184 or CG50184</b> <sup>†</sup>	10ft (3m) C2G Performance Series Premium High Speed HDMI® Cable with Ethernet
<b>50185 or CG50185</b> <sup>†</sup>	12ft (3.6m) C2G Performance Series Premium High Speed HDMI® Cable with Ethernet
<b>50186 or CG50186</b> <sup>†</sup>	15ft (4.5m) C2G Performance Series Premium High Speed HDMI® Cable with Ethernet
<b>50188 or CG50188</b> <sup>†</sup>	20ft (6.1m) C2G Performance Series Premium High Speed HDMI® Cable with Ethernet
<b>C2G50196</b>	25ft (7.6m) C2G Performance Series Premium High Speed HDMI® Cable with Ethernet

<sup>†</sup>Some legacy systems use the 5-digit part number while others use the CG notation for numbers. Contact your Legrand AV sales representative with questions.



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## SPECIFICATIONS

ELECTRICAL SPECIFICATIONS	Supply Voltage	30V	
	Temp Connector	Temp Rating: 220°C	
	Cable	Temp Rating: 75°C	
	Conductor Resistance	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	
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 and dual video streams (Dual View)		
	Supports 8, 10, 12, and 16bit per channel Deep Color		
	Supports up to 32 audio channels and a 1536kHz audio sampling rate		
	DTS-HD Master Audio™, Dolby TrueHD™, DTS, Dolby AC3 and DSD Audio		
	Extended CEC (Consumer Electronics Control) commands and functions, HDMI Ethernet Channel (100Mbps/s), and ARC (Audio Return Channel)		
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	
	Cable Jacket Ratings	CG50181, CG50182, CG50184, CG50185 – CMG, CL2, FT4	
		CG50186 – CMG, CL3, FT4	
		CG50188 – CMG, CL3, FT4	
		C2G50196 – CMG, CL3, FT4	
Connector Gripping Force	<b>HDMI Withdrawal Force:</b> 28.03 to 30.18N (9.8N/1.0kgf Min; 39.2N/4.0kgf Max)		
	<b>HDMI Insertion Force:</b> 20.97 to 23.13N (44.1N/4.5kgf Max)		



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## SPECIFICATIONS

PHYSICAL CHARACTERISTICS	Material Housing	PVC Molding	
	SR-Mold	PVC, Color: Black	
	Jacket Color	Black	
	Connector	HDMI Type A Male Connector, Metal Shell Gold Plated, Electrical Contact Copper; Alloy Gold Plated 5u'	
	Cable Marking	High Speed HDMI Cable With Ethernet E468039 (UL) CMG 75°C	
	Insulator Color	Blue	
	Regulatory Approvals	Product is CE Marked and Conforms to 2011/65/EU ROHS 2	
	Minimum Bend Radius	<b>CG50181, CG50182, CG50184, CG50185:</b>	70±10mm
		<b>CG50186:</b>	75±10mm
		<b>CG50188:</b>	90±10mm
		<b>C2G50196:</b>	90±10mm
	<b>CG50181, CG50182, CG50184, CG50185</b>		
	Jacket OD	6.00±0.20mm	
	Jacket Material	PVC (CL2, FT4)	
	Jacket Thickness	0.75mm	
	<b>CG50186</b>		
	Jacket OD	6.5±0.20mm	
	Jacket Material	PVC (CL3, FT4)	
	Jacket Thickness	0.65mm	
	<b>CG50188</b>		
	Jacket OD	9.5±0.25mm	
	Jacket Material	PVC (CL3, FT4)	
	Jacket Thickness	0.85mm	
	<b>C2G50196</b>		
Jacket OD	9.00±0.20mm		
Jacket Material	PVC (CL3, FT4)		
Jacket Thickness	0.65mm		



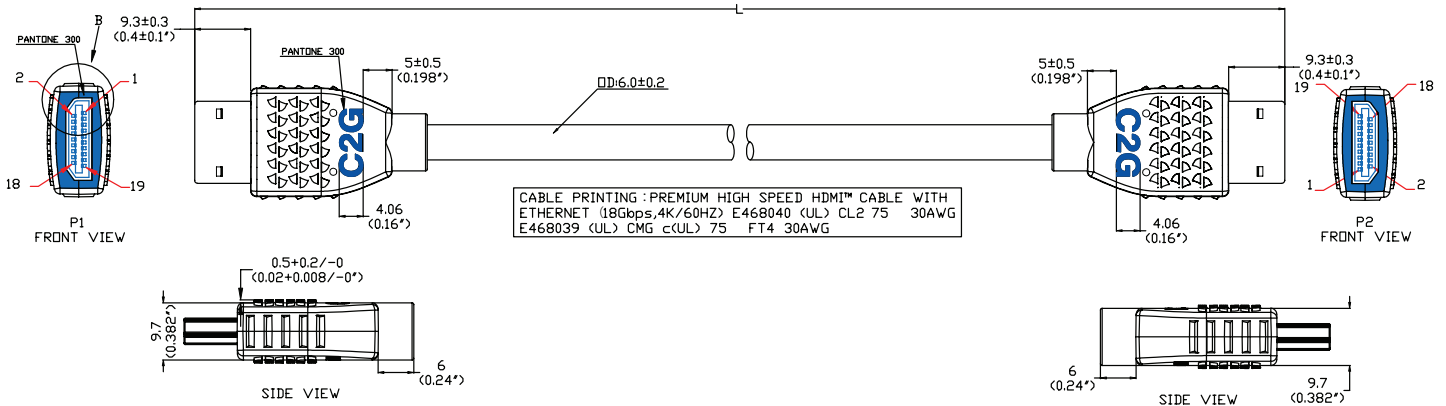


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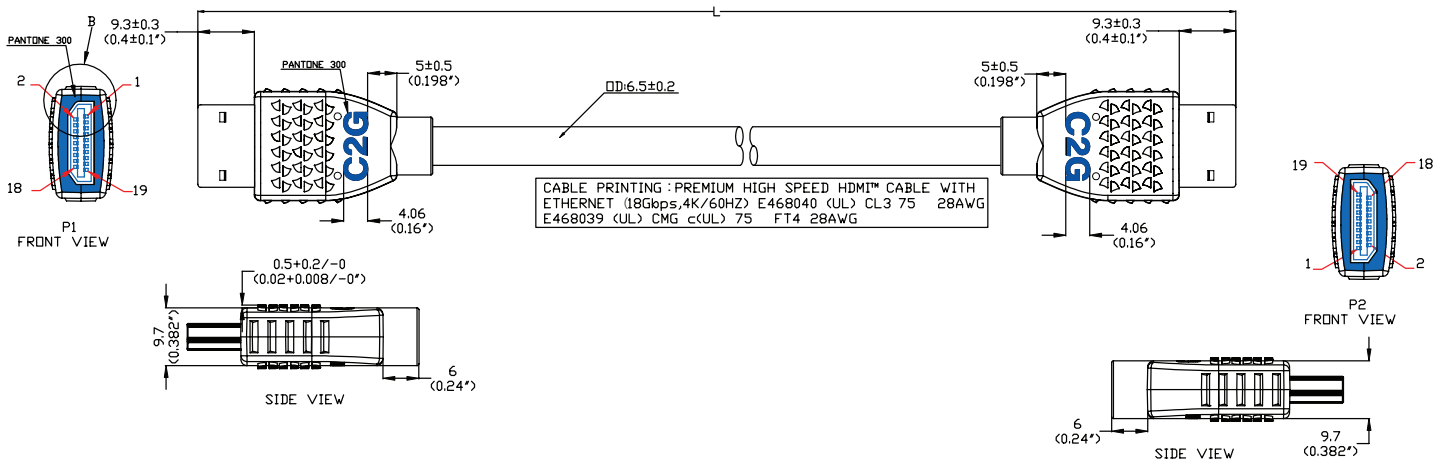
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## TECHNICAL DRAWING

50181 to 50185



50186



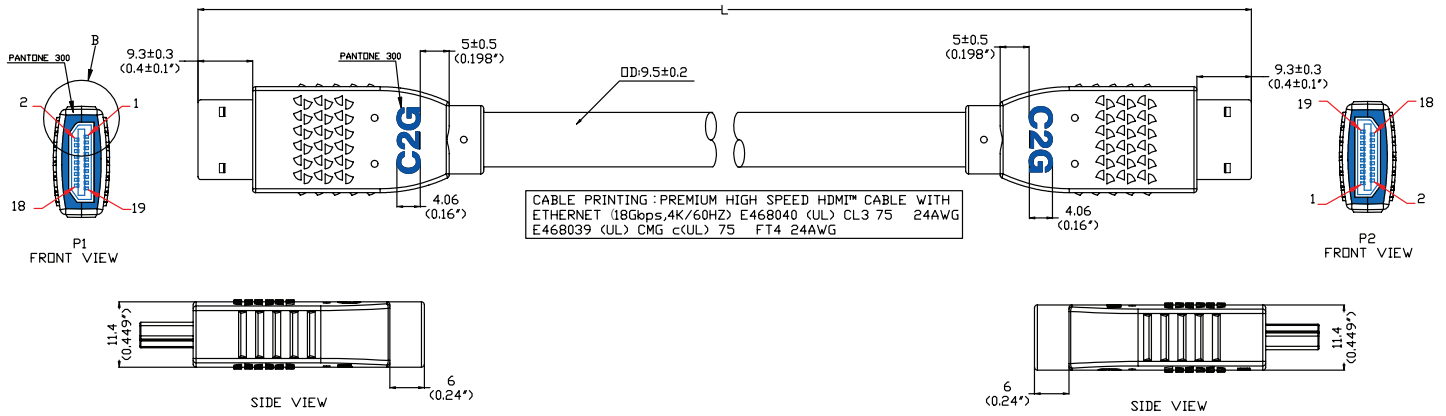


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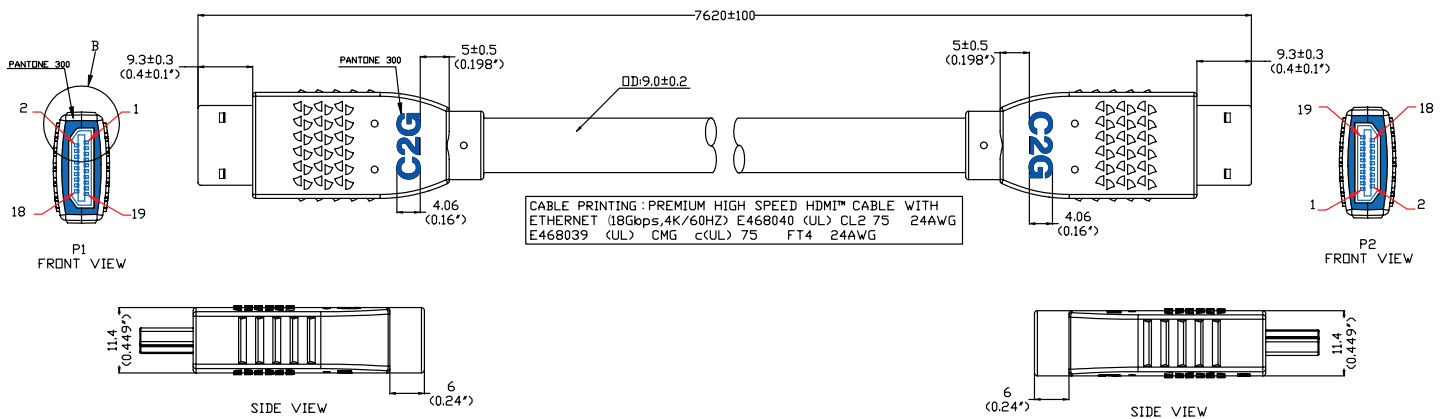
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## TECHNICAL DRAWING

50188



C2G50196



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