

Specifications HD Series Cables

TRUE 4K specification

Max. 4K Capabilities				
Resolution and Refresh Rate	Chroma Sampling	Max. Bit Depth per Color	Data Rate	Cable Length
4096 x 2160 at 60 Hz	4:4:4	8 bit	18.0 Gbps	Up to 12 feet
3840 x 2160 at 60 Hz				
4096 x 2160 at 30 Hz	4:4:4			
3840 x 2160 at 30 Hz				
4096 x 2160 at 60 Hz	4:2:0			
3840 x 2160 at 60 Hz				

Frame rate ¹	24, 25, 30, 50, 60, or 120 fps
Chroma sampling ¹	4:4:4, 4:2:2, 4:2:0
Color bit depth ¹	8 bits per color
Signal Type	HDMI 2.0, HDCP 1.4, and HDCP 2.3, HDR
Max. video data rate	18 Gbps (6.0 Gbps per color)

NOTE: ¹Subject to the maximum data rate limit. Use our calculator at www.extron.com/8KdataRate to determine video parameters supported by this data rate.

Performance

Resolution Range	
Premium High Speed HDMI cable — Up to 12' (3.6 m)	Up to 4K @ 60 Hz (4096x2160), UHD @ 60 Hz (3840x2160) 8 bit color depth, max. 18.0 Gbps data rate

General — physical characteristics

Connectors	1 HDMI Type A Male to 1 HDMI Type A Male
Material	Conductors: Tinned copper, 30 AWG (up to 9 feet) and 28 AWG (12) Shielding: Fluoropolymer tape binder, tinned copper braid Jacket: PVC
Connector dimensions	1.41" L* x 0.82" W x 0.42" thick (36 mm L x 21 mm W x 11 mm thick) *Length excludes plug
Cable outer diameter	0.29" (7.3 mm)
Bend radius	1.01" (26 mm)

General

Regulatory compliance	UL VW-1, UL-CMX, CSA FT-1, RoHS, WEEE
Temperature rating	85°C
Warranty	Limited Lifetime Performance

Specifications • HD Series Cables (Continued)

NOTE: Specifications are subject to change without notice.

NOTE: All nominal levels are at $\pm 10\%$.

NOTE: Shipping weights and dimensions are available at www.extron.com.

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