

Extron

Specifications

HD 8K

TRUE 8K specification

Max. 8K Capabilities			
Resolution	Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
7680x4320	60 Hz	4:2:0	12 bit
	30 Hz	4:4:4	
Max. 4K and 5K Capabilities			
Resolution and Refresh Rate		Chroma Sampling	Max. Bit Depth per Color
5120x2880	60 Hz	4:4:4	12 bit
5120x1440			
4096x2160			
3840x2160			
3840x2160	120 Hz		

Frame rate¹ 24, 25, 30, 50, 60, or 120 fps
 Chroma sampling¹ 4:4:4, 4:2:2, or 4:2:0
 Color bit depth¹ 8, 10, or 12 bits per color
 Signal Type Up to HDMI 2.1, HDCP 1.4, and HDCP 2.3, HDR
 Max. video data rate 48.1 Gbps

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

Performance/electrical

Resolution range Up to 8K (7680x4320) 60 Hz, 4:2:0, 5K (5120x2880) 60 Hz,
 4K (4096x2160) 60 Hz, 4K (3840x2160) 120 Hz, UHD (3840x2160) @ 60 Hz
 Color space 4:4:4, 4:2:2, or 4:2:0
 Color bit depth 8, 10, and 12 bits per color
 Standards Up to HDMI 2.1, HDCP 1.4, and HDCP 2.3, HDR
 Format RGB and YCbCr digital video

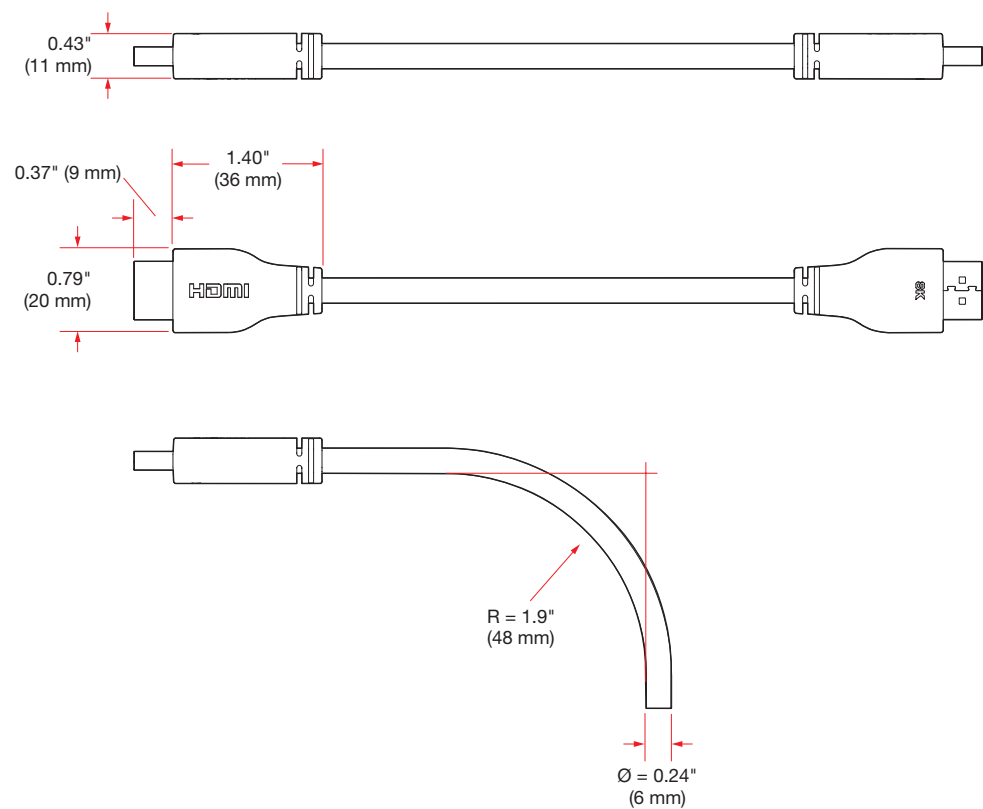
Mechanical

Cable outer diameter 0.24" (6 mm)
 Bend radius 1.90" (48 mm)

General — physical characteristics

Connectors 1 HDMI Type A Male to 1 HDMI Type Male
 Contacts Gold plated
 Material Conductors: 28 AWG tinned copper wires
 Shielding: Fluoropolymer tape binder, tinned copper braid
 Jacket: PVC – Polyvinyl Chloride
 Connector dimensions 1.77" L x 0.79" W x 0.43" thick
 (45 mm L x 20 mm W 11 mm thick)

Specifications • HD 8K (Continued)



General

Regulatory compliance	CE, RoHS
Cable rating.....	CMX cable jacket
Ambient temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing
	Operating: -4 to +122 °F (-20 to +50 °C) / 10% to 90%, noncondensing
Warranty	Limited Lifetime Performance

NOTE: Specifications are subject to change without notice.

NOTE: All nominal levels are at ±10%.

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

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