

# Extron

# Specifications

## USBC Pro 8K Series

### TRUE 8K specification

Max. 8K Capabilities			
Resolution	Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
7680x4320	30 Hz	4:4:4	8 bit
Max. 4K Capabilities			
Resolution	Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
4096x2160	60 Hz	4:4:4	12 bit
3840x2160			8 bit
	120 Hz		

Frame rate<sup>1</sup> ..... 24, 25, 30, 50, 60, or 120 fps  
 Chroma sampling<sup>1</sup>..... 4:4:4 or 4:2:2  
 Color bit depth<sup>1</sup> ..... 8, 10, or 12 bits per color  
 Signal type ..... Up to DisplayPort 1.4 and HDCP 2.3  
 Max. video data rate ..... 32.4 Gbps (8.1 Gbps Per Lane)

**NOTE:** <sup>1</sup>Subject to the maximum data rate limit. Use our calculator at [www.extron.com/8KdataRate](http://www.extron.com/8KdataRate) to determine video parameters supported by this data rate.

### Video

DisplayPort video ..... DisplayPort Alt Mode, DP 1.4 (4 lanes), up to HBR3/8.1 Gbps per lane with MST  
 Maximum data rate ..... 32.4 Gbps (8.1 Gbps Per Lane)  
 Resolution range ..... Up to 7680x4320 @ 30Hz  
 Color space ..... 4:4:4 or 4:2:2  
 Color bit depth ..... 8, 10, and, 12 bits per color – (Subject to maximum data rate)  
 Standards ..... Up to DisplayPort 1.4 and HDCP 2.3  
 Format ..... RGB and YCbCr digital video

### Data

USB specification ..... USB 2.0 and USB 1.1 compatible  
 USB data rate ..... Up to 480 Mbps  
 Maximum built-in USB hubs  
   USB 2.0 ..... 2

### Power

Maximum power delivery ..... 60 W  
 Maximum current ..... 3 A

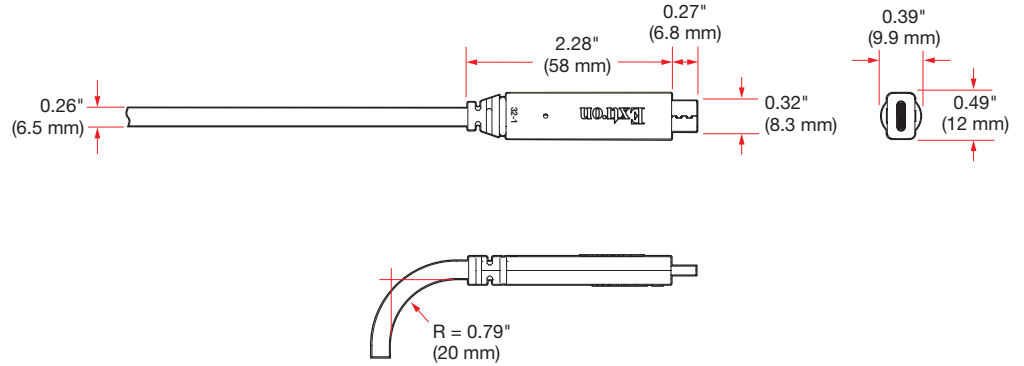
### Mechanical

Max tensile strength ..... 100 N (10.2 kg, 22.5 lbs)  
 Max. compression load resistance 200 N (20.4 kg, 45 lbs)  
 Max pull strength ..... 111 N (11.3 kg, 25 lbs)  
 Cable outer diameter ..... 0.26" (6.5 mm)  
 Bend radius ..... 0.79" (20 mm)

# Specifications • USBC Pro 8K Series (Continued)

## General — physical characteristics

Connectors.....	1 USB-C Male to 1 USB-C Male
Contacts.....	Gold plated
Material .....	Conductors: Multi-mode fibers and 24 AWG tinned copper wires Jacket: PVC – Polyvinyl Chloride
Connector dimensions .....	2.55" L x 0.49" W x 0.39" thick (65 mm L x 12 mm W x 9.9 mm thick)



## General

Regulatory compliance .....	CE, RoHS, UL-CMX, WEEE
Warranty .....	3 year

**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](http://www.extron.com).

6313-D5