

Specifications

USBC

TRUE 4K specification

Max. 4K Capabilities		
Resolution and Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
4096 x 2160 at 60 Hz	4:4:4	8 bit
3840 x 2160 at 60 Hz		12 bit

Frame rate¹ 24, 25, 30, or 60 fps
 Chroma sampling¹ 4:4:4 or 4:2:2
 Color bit depth¹ 8, 10, or 12 bits per color
 Signal Type Up to DisplayPort 1.2 and HDCP 2.3
 Max. video data rate 21.6 Gbps (5.4 Gbps Per Lane)

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.

Video

DisplayPort video DisplayPort Alt Mode, DP 1.2 (1,2, or 4 lanes)
 Maximum data rate 21.6 Gbps (5.4 Gbps Per Lane)
 Resolution Range 640x480⁸, 480p^{7,8}, 576p⁶, 720p^{3,4,5,6,7,8,9}, 1080i^{6,7,8}, 1080p^{1,2,3,4,5,6,7,8,9},
 2K^{1,2,3,4,5,6,7,8}, 3840x2160^{1,2,3,4,5}, 4096x2160^{1,2,3,4,5}
 Frame rate ¹23.98 Hz, ²24 Hz, ³25 Hz, ⁴29.97 Hz, ⁵30 Hz, ⁶50 Hz, ⁷59.94 Hz, ⁸60 Hz, ⁹120 Hz
 (depending on resolution)
 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 1.2 and HDCP 2.3
 Format RGB and YCbCr digital video

Data

USB specification USB 3.2 (Gen 1), 2.0, 1.1 Compatible
 USB data rate Up to 5 Gbps

Power

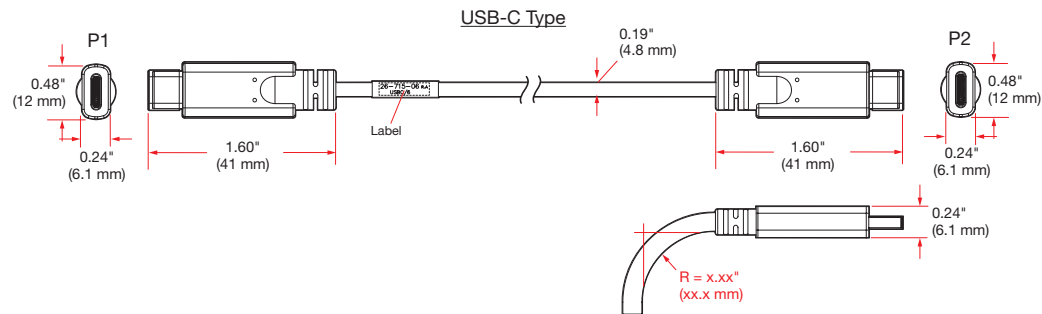
Maximum power delivery 60 W
 Maximum current 3 A

Mechanical

Cable outer diameter 0.19" (4.8 mm)
 Bend radius 1.90" (48 mm)

General — physical characteristics

Connectors	1 USB-C Male to 1 USB-C Male
Contacts	Gold plated
Material	Conductors: 30 AWG Tinned Copper Wires Jacket: PVC – Polyvinyl Chloride
Connector dimensions	1.60" L x 0.48" W x 0.24" thick (41 mm L x 12 mm W x 6.1 mm thick)



General

Regulatory compliance	CE, RoHS, UL-CMX, WEEE
Warranty	Limited Lifetime Performance

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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