CLD635A

USB Type-C - USB Type-C - Active optical - 4K@60 Hz Displayport 1.2 Alt

Highlights:

- Only for video connections
- USB Type C directional cable
- Supports up to ultra HD 4K 2160p (4096 x 2160) 4:4:4 at 60 Hz
- Displayport 1.2 Alt mode
- 21.6 Gbps bandwidth
- HDCP / EDID Compatible
- No external power needed
- Hybrid (fiber and copper) active optical cable
- True plug & play solution
- LSHF jacket









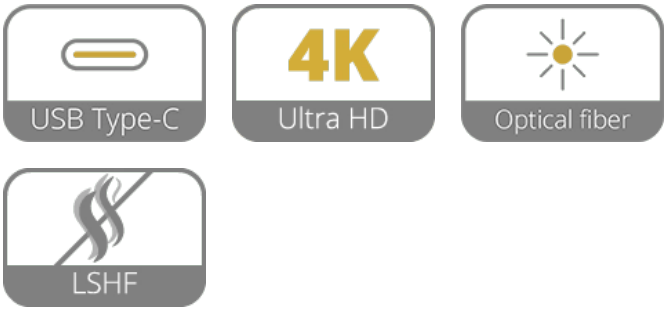


Product information:

| Only for video connections |
CLD635A is a USB Type-C active optical cable, capable of handling DisplayPort Alt Mode signals. This allows your USB Type-C DisplayPort Alt supporting source device directly to a display device with a USB Type-C input connection. These slimline cables can go up to 4K@60Hz with a bandwidth of 21.6 Gbps. Due to its Hybrid (fiber and copper) active optical cable, it has superior performance in speed as well as distance.
As the CLD635A is a Hybrid (fiber and copper) active optical cable it has superior performance in speed as well as distance. The cable doesn't require any additional power supplies, and the compact construction with high-quality finishing and Low Smoke & Halogen-free outer jacket makes it suitable for AV integration in permanent installations. The supporting features are including HDCP and EDID.
HDCP (High Definition Copy Protection) is developed to prevent illegal copying of digital media files. It ensures that the source and other devices are authorized and protected against illegal copying. HDCP is necessary if you want to stream Netflix, Blu-Ray players and receivers such as 4K TVs and 4K monitors. The EDID (Extended Display Identification Data) emulator solves video communication problems that can arise between your HDMI video source and display. EDID contains important information that your TV or projector needs to deliver the best picture quality and above all it's easy to install.
So shortly it means that the digital audio and video content sent over DVI, DisplayPort or HDMI connections are protected.

CLD635A can deliver 4K (UltraHD) video, and audio, from your laptop, phone or tablet to your HDTV or any other 4K monitor.No external power needed. A true-plug-and-play solution, connect the cable to your display and you are all set to go.Capable of handling DisplayPort Alt Mode signals, for more connection flexibility.

Properties:



We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

Product Features:

Application	AV & IT
Series	Connect Series

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Physical Characteristics:

Inner conductor	Material		50/125 OM3 / Fiber (4x) (A)
			TC 19 x 0.06 mm (Ø) (OFC) - 1 pair (B)
			TC 19 x 0.06 mm (Ø) (OFC) - 1 Conductor (C)
			TC 7 x 0.12 mm (Ø) (OFC) - 1 Conductor (D)
			TC 7 x 0.12 mm (Ø) (OFC) - 1 Conductor (E)
			TC 7 x 0.16 mm (Ø) (OFC) - 1 Conductor (F)
			TC 7 x 0.20 mm (Ø) (OFC) - 1 Conductor (G)
	Section		0.05 mm² - 30 AWG (B)
			0.05 mm² - 30 AWG (C)
			0.08 mm² - 28 AWG (D)
			0.08 mm² - 28 AWG (E)
			0.14 mm² - 26 AWG (F)
			0.22 mm² - 24 AWG (G)
	Number of conductors		11
	Insulation	Material	LSZH 1.0 mm (Ø) (A)
			Foam PE 1.20 mm (Ø) (B)
			Foam PE 1.20 mm (Ø) (C)
			Foam PE 0.8 mm (Ø) (D)
			Foam PE 0.8 mm (Ø) (E)
			Foam PE 0.95 mm (Ø) (F)
			Foam PE 0.90 mm (Ø) (G)
	Conductor twisting		Yes
	Shielding	Aluminium foil	Al-mylar, 100% coverage - 25% Overlap
		Drain wire	TC 7 x 0.10 mm (Ø) (OFC) - 30 AWG
Armor	Material		Cotton + kevlar
Outer jacket	Material		LSHF 4.6 mm (Ø)
	Colours		Black
Strength test	Bending radius		9 mm
	Tensile strength test		10 kg
	Connector bending test		> 10000 cycles

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Variants:

- CLD635A/20 - 20 meter
- CLD635A/30 - 30 meter

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