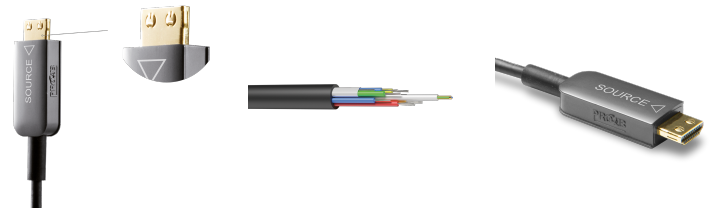


The CLV310A is an active optical HDMI 2.1 cable, designed for transmission of the next generation of 8K video content. It is able for transmission of 8K (7680 x 4320p) 4:4:4 at 60 Hz with a bandwidth of 48 Gbps via OM3 optical fiber technology, eliminating the possibility of electronic interference. It is backward compatible with HDMI 2.0 and HDMI 1.4, guaranteeing an optimal and future proof solution for any kind of installation.

Ready for future HDCP 2.3 content encryption, compatible with all current and emerging HDR standards (HLG, HDR-10 and HDR-10+, Dolby Vision, Perceptual Quantizer and SL-HDR-1) and compatible with eARC HD audio standard.

The Semi-Lock™ feature of the HDMI connector increases the withdrawal force of the connector and avoids loose or unstable connections of the HDMI connectors, reducing unwanted signal loss or disconnections.



Certification:



Properties:



Physical Characteristics:

Strength test	Bending radius	20 mm	
	Tensile strength test	25 kg	
	Connector bending test	> 10000 cycles	
Inner conductor	Insulation	Material	PE 0.9 mm (Ø)
			PE 1 mm (Ø)
	Shielding	Aluminium foil	Al-mylar, 100% coverage - 25% Overlap
		Drain wire	TC 11 x 0.08 mm (Ø) (OFC)
Overall shielding	Aluminium foil	Al-mylar, 100% coverage - 25% Overlap	
Outer jacket	Material	PVC 4.5 mm (Ø)	
	Colours	Black	
Inner conductor	Material	TC 11 x 0.08 mm (Ø) (OFC)	
		TC 19 x 0.08 mm (Ø) (OFC)	
		TC 30 x 0.08 mm (Ø) (OFC)	
		TC 41 x 0.08 mm (Ø) (OFC)	
		50/125 OM3 / Fiber (4x)	
Section		0.05 mm ²	
		0.08 mm ²	
		0.14 mm ²	
		0.25 mm ²	
	Number of conductors	12	
	Conductor twisting	Yes	