CLV220A

HDMI A male - HDMI A male - Active optical - Interchangeable connectors

Highlights:

- Supports up to ultra HD 4K 2160p (4096 x 2160) 4:4:4 at 60 Hz
- HDMI 2.0 compliant
- Fiber optic technology
- Flexible outer jacket
- Exchangeable connectors
- HDMI ARC up to 50 meter
- Multi-purpose connections (Micro-HDMI [Both sides])









Product information:

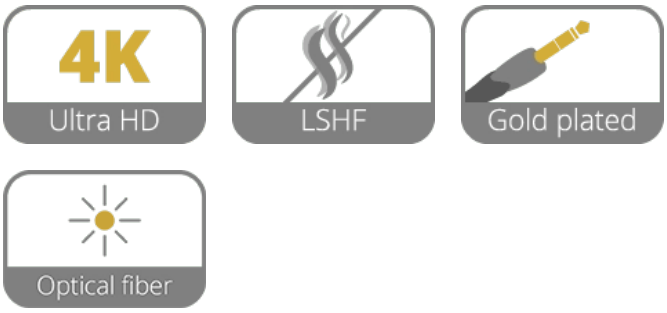
The CLV220A is an active optical HDMI 2.0 cable aimed for fixed installations. It is able to transmit resolutions up to ultra HD 4K 2160p (4096 x 2160) at 60 Hz with a bandwidth of 18Gbps via OM3 fiber optical fiber technology, eliminating the possibility of electronic interference. The interchangeable connectors enable you to easily detach and reattach the connectors. This way the cable can be fitted through holes and straight tubes with diameters as small as 25 mm.

The CLV220A comes with a USB A to USB Micro B cable included, which is an accessory only required when the HDMI port on the transmitter side is delivering insufficient voltage (typically required when < 4.8 V) for powering the receiver end. The power is transferred from transmitter end to receiver end over the CLV220A cable.

Most general HDMI sources deliver sufficient voltage making the additional cable unnecessary. However typical applications where it might be required are e.g. streaming media player boxes, which might deliver insufficient voltage over their HDMI output.

Certification:

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		Classic Series
Accessories	Included	COP110
		Pulling capsule case
		Screwdriver
		USB power cord (Optional use on RX side)
	Optional	COP140

Physical Characteristics:

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		LSHF 4.5 mm (Ø)
	Colours		Black
Strength test	Bending radius		20 mm
	Tensile strength test		25 kg
	Connector bending test		> 10000 cycles
	Connector pull out force		2 kg
Pulling capsule diameter			23 mm (recommended conduit 32 mm)
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 mm²
			0.08 mm²
			0.14 mm²
			0.25 mm²
	Number of conductors		12
	Conductor twisting		Yes

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Mechanical Characteristics:

Temperature range	Fixed installation	- 0 °C till + 75 °C

Variants:

- CLV220A/10 - 10 meter
- CLV220A/15 - 15 meter
- CLV220A/20 - 20 meter
- CLV220A/30 - 30 meter
- CLV220A/40 - 40 meter
- CLV220A/50 - 50 meter
- CLV220A/70 - 70 meter
- CLV220A/100 - 100 meter

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