



KRAMER ELECTRONICS LTD.

CABLES



CLS-AOCH/XL & CP-AOCH/XL Active Optical Pluggable High Speed HDMI Cable

Kramer's AOCH/XL is a plug-and-play Detachable HDMI active optical cable (AOC). It offers the easiest install solution for HDMI, supporting resolutions up to 4K/ultra HD over long cable runs (up to 50 meters) without the need for an external power supply or additional extenders. With its thin, flexible cable and small connector, the AOCH/XL delivers ultimate reliability and convenience.

With Kramer's AOCH/XL, User experience are extremely maximized with its integrator-oriented features along with existing latest advances of HDMI™ technology including 3D, 4K UHD.



Features

- **Video Resolution** - 4K @30Hz 4:4:4 or 4K@60Hz 4:2:0 UHD, 8Bit, full HD, 3D Deep Color.
- **Embedded Audio** - PCM 8-channel, Dolby Digital True HD and DTS-HD Master Audio.
- **EMI & RFI Immunity.**
- **No External Power** - Powers the active units via the HDMI connector.
- **Very Thin Construction** - 3.4mm (0.13") diameter.
- **Small Bending Radius** - Only 6mm (0.24").
- **Jacket Construction** - Low smoke & halogen free or UL CMP-OF (Plenum).
- **Integrator-oriented pluggable HDMI-A ends for easy and fast installations**
- **Varied Selection of Lengths** - Available in versions from 10 to 50m (32.8 to 164ft).

Product Specifications

Audio & Video Specifications

Video Resolution	4K @30Hz 4:4:4, 4K@60Hz 4:2:0, 8Bit, full HD, 3D Deep Color
Embedded Audio	PCM 8-channel, Dolby Digital True HD and DTS-HD Master Audio
HDMI Compliance	HDCP, EDID, CEC

Physical Specifications

HDMI Connector	Male HDMI type A connector (Pluggable) / Male HDMI type D
Cable Structure	Hybrid Optical Fiber Cable
Conductors	28AWG (7/0.127mm)
Cable Jacket Material	LSHF or Plenum
Cable Jacket Color	Blue
Cable Diameter	3.4mm
Cable Bending Radius	6mm
Connector Max. Pulling Strength	10kg
Max. Compression Load Resistance	500N (50kg, 110lbs)

Power Specifications

Power Supply	No external power supply is needed (draws current from the source)
Power Consumption	0.25W max.

Environmental Specification

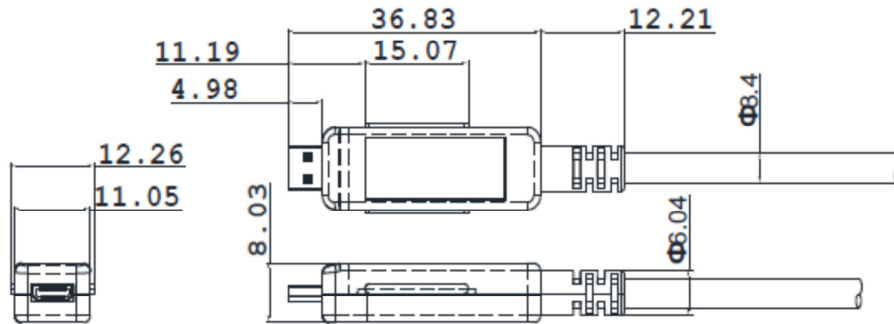
Operating Temperature	+32~+122°F (0~+50°C)
Storage Temperature	-22~+122°F (0~+50°C)
Operating Humidity	5 ~ 85%

Regulatory

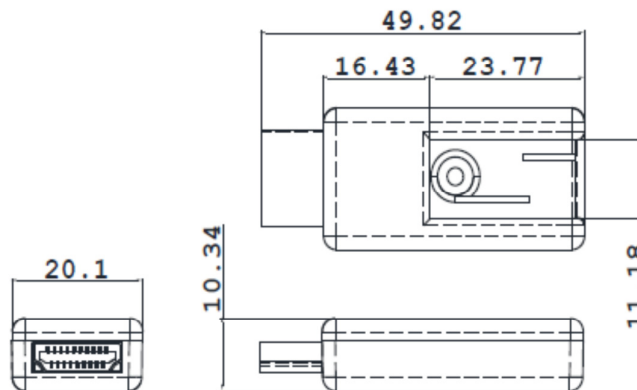
LSHF (Compliance)	IEC 60332-1, IEC 60754-1, IEC 61034-2
Plenum (Compliance)	CMP-OF
RoHS	2011/65/ EU

Physical Dimensions

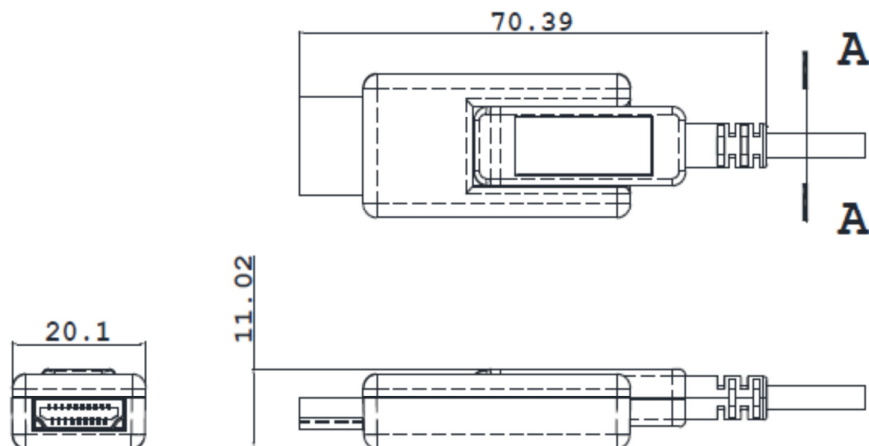
HDMI Connector Type D



Pluggable HDMI Connector Type A



Overall dimensions



Pulling tool

