



HDMI 2.0 Detachable Active Optical Cable

Description

OPTICIS active optical HDMI 2.0 cable, LHM2-Pxxx is designed for critical display applications that demand flawless HDMI signal integrity and it provides transparent signal transmission over plenum graded, LSZH graded, or TPU hybrid cable.

It enables to deliver 4K DCI (4096x2160) at 60Hz signal up to 100m (384ft). It avoids any scaling or data compression for lessening a burden of data transmission.

LHM2-Pxxx offers perfect flexibility during installation by separating HDMI connector part and Active Optical Cable part. It gives slim, light, easy installation like a general copper HDMI cable.

LHM2-P is powered by external 5V micro USB power supply cable

It passes CEC, EDID & HDCP (High Definition Contents Protection) for better installation flexibility and compatibility.

In shipping group, one (1) micro USB power supply cables is included. USB Adapter may be provided as an option.

Specification

- Extends 4K DCI (4096x2160) at 60Hz, (RGB & YCbCr : 4:4:4)
- Transmits HDMI data up to 100m (328feet) over hybrid cable
- Cable options available:
 - LHM2-PPxx : Plenum Jacket
 - LHM2-PLxx: LSZH Jacket
 - LHM2-PTxx:TPU Jacket

*Note: "xx" stands for the length of the cable.
Ex: 10m of LHM2-PP → LHM2-PP10
("A0" for 100m)

- Offers perfect flexibility during installation by separating HDMI connector from cable
- Offers 500N pulling and crush load strength with bending radius of 6mm
- Supports 3D contents transmission
- Supports HDMI2.0 standards feature
- Complies with CEC, EDID, and HDCP 2.2
- Supports HDR at 10 bit or 12 bit speeds respectively within its maximum bandwidth, 18Gbps

Applications

- Professional AV System Interconnection
- Digital Signage
- Home Theater
- Facility Automation System

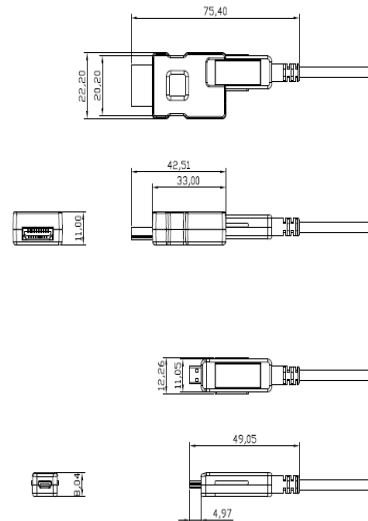
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Technical Features

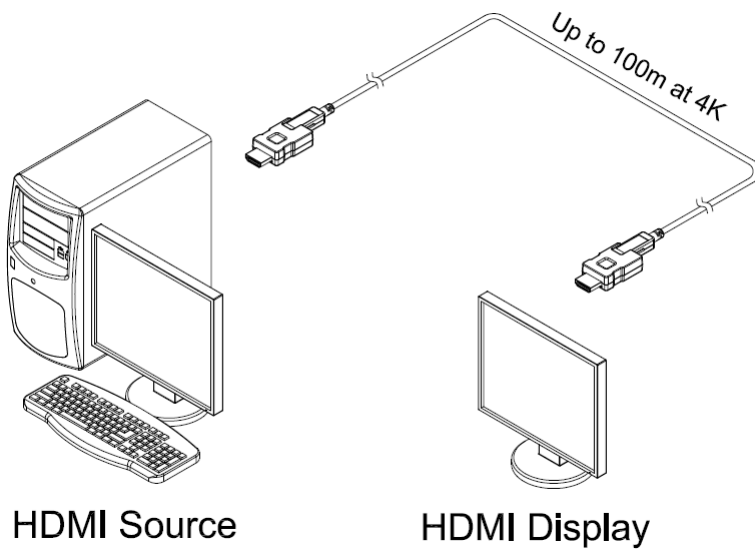
Resolution	Up to 4K(4096x2160) at 60Hz
Bit rate	Up to 6.0 Gbps/ch
Maximum distance	Up to 100m (328feet) @4K, 60Hz
Fiber	Hybrid Fiber with options for: Plenum, LSZH, TPU
Power supplying	5V micro USB power supply
Power consumption	0.26W
Size (LWH)	75.4 x 22.2 x 11mm
Operating temperature	0 ~ 50°C
Operating humidity	5 to 85% RH, non-condensing

Dimension

75.4 x 22.2 x 11mm (LWH)



Connection Diagram



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Direktronik AB tel. 08-52 400 700 www.direktronik.se