

Technical Specifications

DL-ILFO-H2

HDMI 2.0 over Duplex Fiber Extender Set

Features

- 4K60 4:4:4 HDR video support
- HDMI 2.0 compliant
- 200m (656ft) max distance
- Completely immune to RF & electromagnetic interference
- CEC, EDID & HDCP 2.2 compliant
- HDR 10bit/12bit compliant
- 18G compliant
- Compact design



This detachable fiber optic set extends HDMI 2.0 signals up to 200m (656 feet) and transmits 4K UHD (4096x2160) at 60Hz over one duplex LC multimode fiber optic cable. This leading-edge technology allows long distance transmission of 4K signal without any video/audio degradation caused by compression.

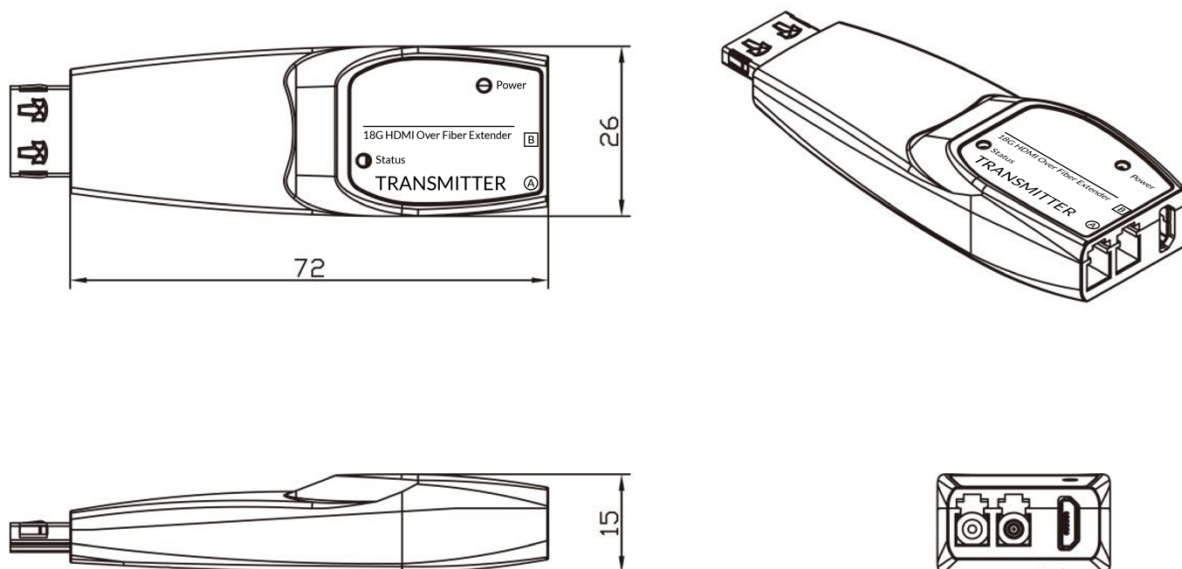
The DL-ILFO-H2 is designed compact enough to be fitted into various installation environments. It includes High Retention HDMI connectors, which utilize more holding force than a standard HDMI connector, and prevent accidental disconnection.

The DL-ILFO-H2 is compliant with HDMI standards features like CEC, EDID, and HDCP 2.2 for better installation flexibility and compatibility. It also supports HDR to deliver a more life-like video image.

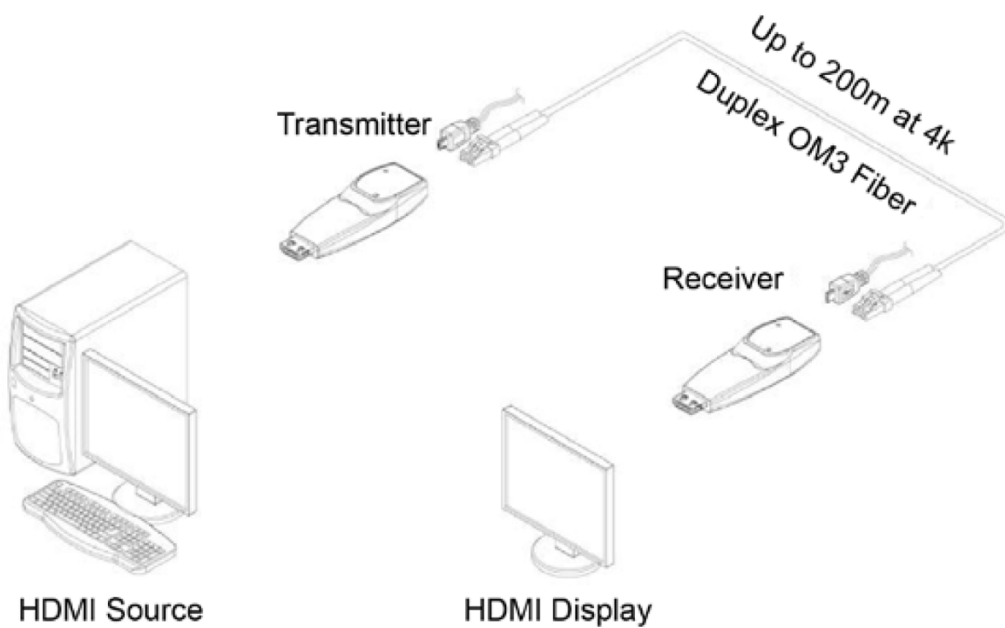
Either unit can be operated by USB power, and international power supplies are included. The transmitter can alternatively be powered from the HDMI source using DDC 5V power.

Specifications	
Maximum Resolution	4K60 4:4:4
Data Rate	18Gbps
Maximum Distance	656ft. (200m)
Compatible Fiber	Multimode OM2, OM3, OM4
Recommended Fiber	Multimode OM3
Content Protection	HDCP 2.2
Power Consumption	<2.5w
Operating Temperature	0°C to 50°C
Operating Humidity	0 – 85%, non-condensing
Dimensions	1.0" x 3.25" x 0.6" (26mm x 72mm x 15mm)
Diagnostic LEDs	TX: Power, Signal RX: Power, Signal

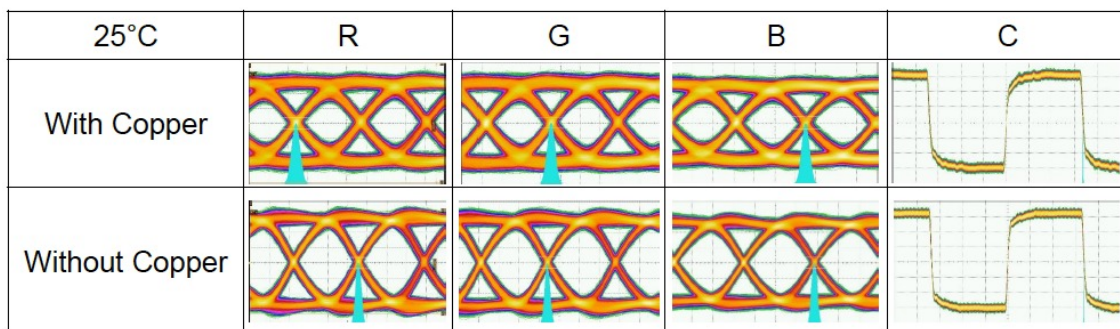
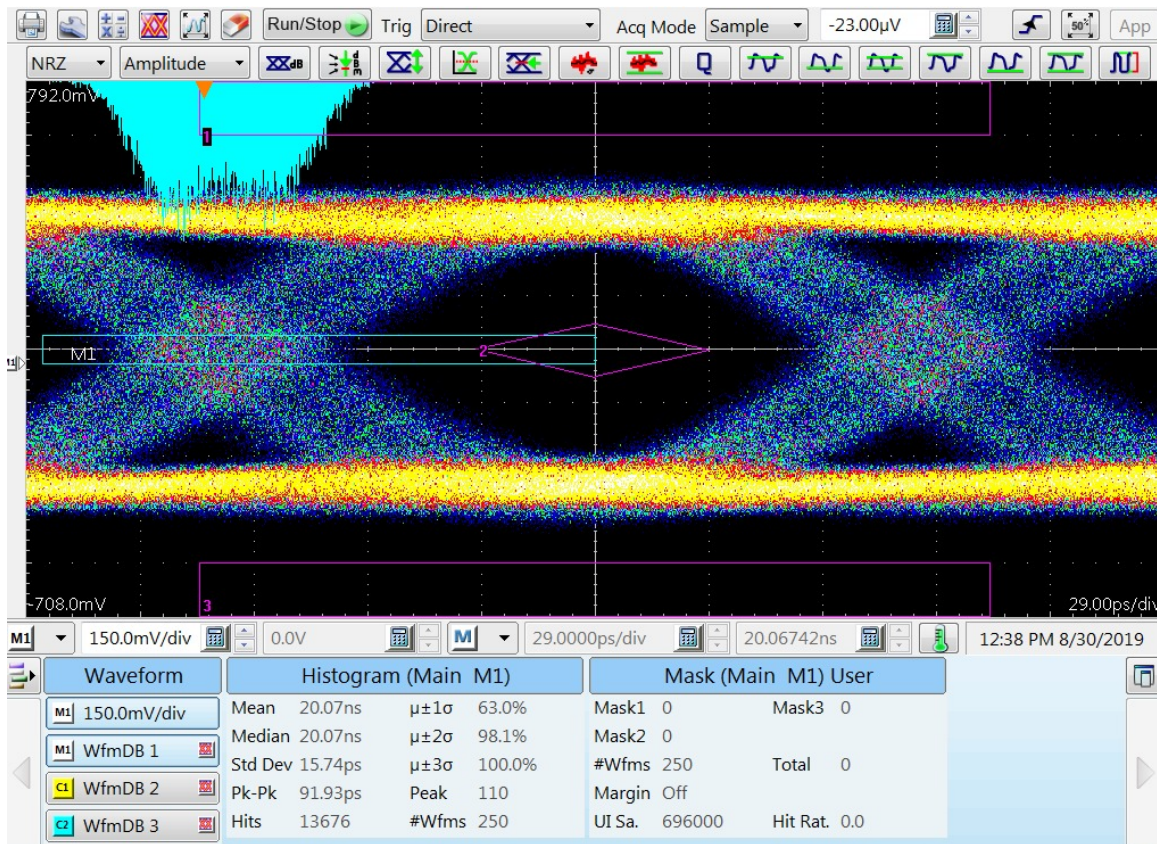
Line Drawings



Application Drawings



Testing Diagrams



(Unit : psec)

Rx Environment(25°C)	TX	RX	Red	Green	Blue	Clock
With Copper	808-540	808-519	78.52	73.44	71.09	54.69
Without Copper	808-540	808-519	51.95	48.83	48.83	31.25