

HDMI 2.0 Active Optical Cable

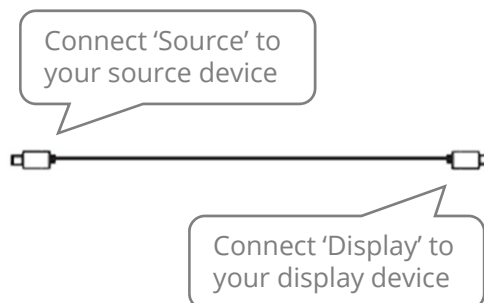
- ❑ Supports Ultra HD (2160p @ 60 Hz, 4:4:4)
- ❑ Low power consumption
- ❑ Longer, thinner, and smaller
- ❑ Distance up to 30 m (POF), 100 m (GOF)
- ❑ Plug and Play
- ❑ Resistant to EMI/RFI
- ❑ CEC support
- ❑ No external power required
- ❑ UL certified (CMP-0F)



HDMI 2.0 Active Optical Cable fully takes advantage of the high transmission bandwidth, low power consumption, and low EMI. It is suitable for high-speed, high-quality, long-distance and sensitive applications or systems such as hospital equipment and wireless device.

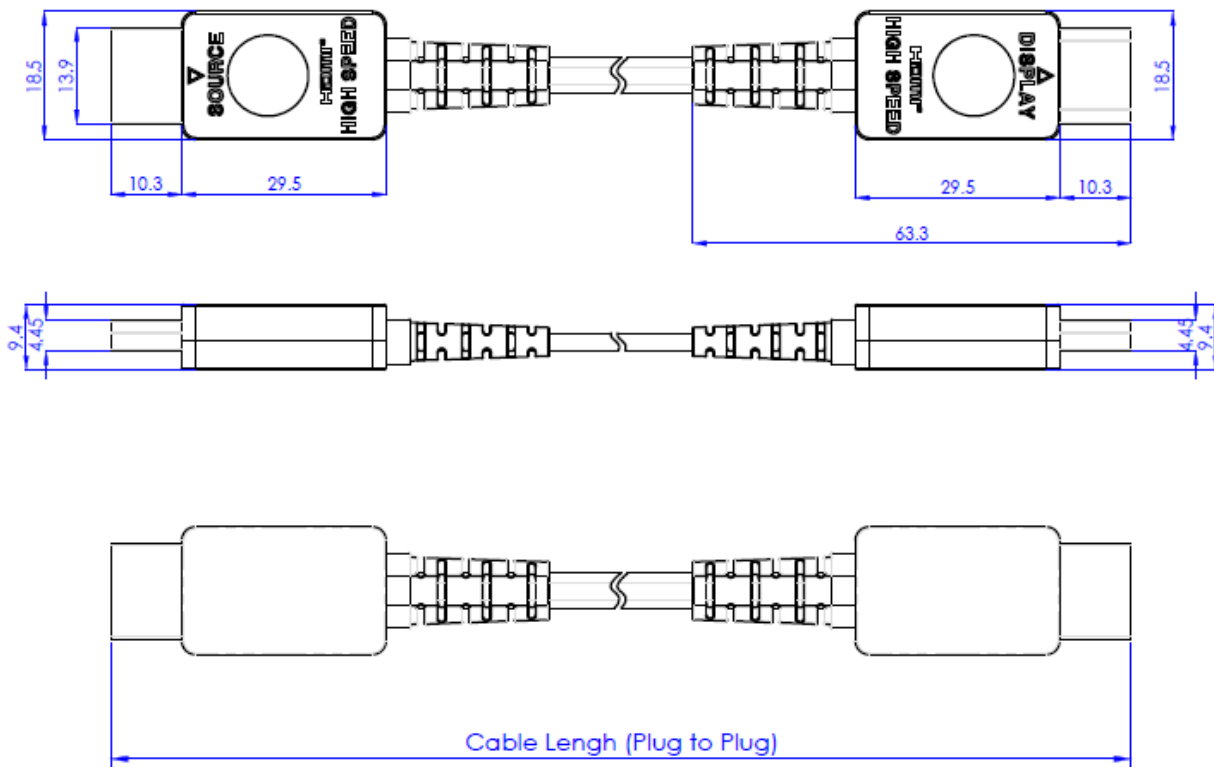
Applications

Digital signage
Surveillance
Home theatre
Conference room
Control centers
Auditorium
Medical imaging
Stadium

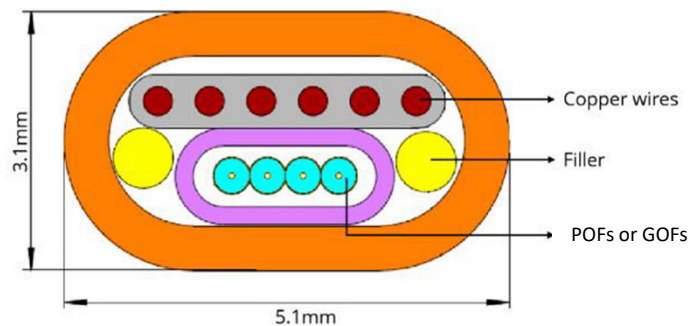


❖ Physical Dimension

Unit : mm



❖ Hybrid Cable Structure



Vitex LLC

210 Sylvan Ave, Suite 25
Englewood Cliffs, NJ 07632
(201) 296-0145
www.vitextech.com
info@vitextech.com

❖ Specifications


Parameter	Value	Unit
Supported Resolution	2160p @ 60 Hz (4:4:4)	
Data Rate	Up to 18	Gbps
Operating Temperature	0 ~ 50	°C
Cable Type	Plenum (Fiber, Copper Hybrid)	
Fiber Type	POF or GOF	
Cable Length	POF : Up to 30 GOF : Up to 100	m
Cable Dimension	5.1 x 3.1	mm
Item Weight (for 10m)	195	g
Connector	HDMI Type-A (Male)	
Power Consumption ¹	Typ. 260 (2160p @ 60 Hz)	mW
Pull Strength	200	N
Min. Bending Radius	50	mm
ARC (Audio Return Channel)	Not supported	

Notes:

1. The typical power consumption is 260mW for most source devices. This may vary depending on some source devices.

❖ Ordering Information

LBV-O1TH200001-yyy



Length (yyy)
010 : 10 m
050 : 50 m
100 : 100 m