

# DisplayPort 1.4

## Active Optical Cable

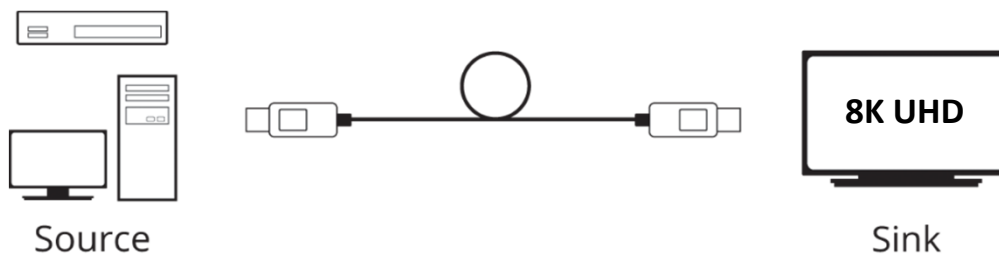
DisplayPort Optical Cable fully takes advantage of the high transmission bandwidth, low power consumption, and low EMI. The optical cable is suitable for high-speed, high-quality, long-distance and sensitive applications or systems such as hospital equipment and wireless device.

- ❑ Supports Ultra HD (2160p @ 120 Hz)
- ❑ Distances up to 100 m
- ❑ DisplayPort 1.4 compliant
- ❑ Plug and Play
- ❑ UL certified (CMP-0F)
- ❑ No external power required



### Applications

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



### Ordering Information

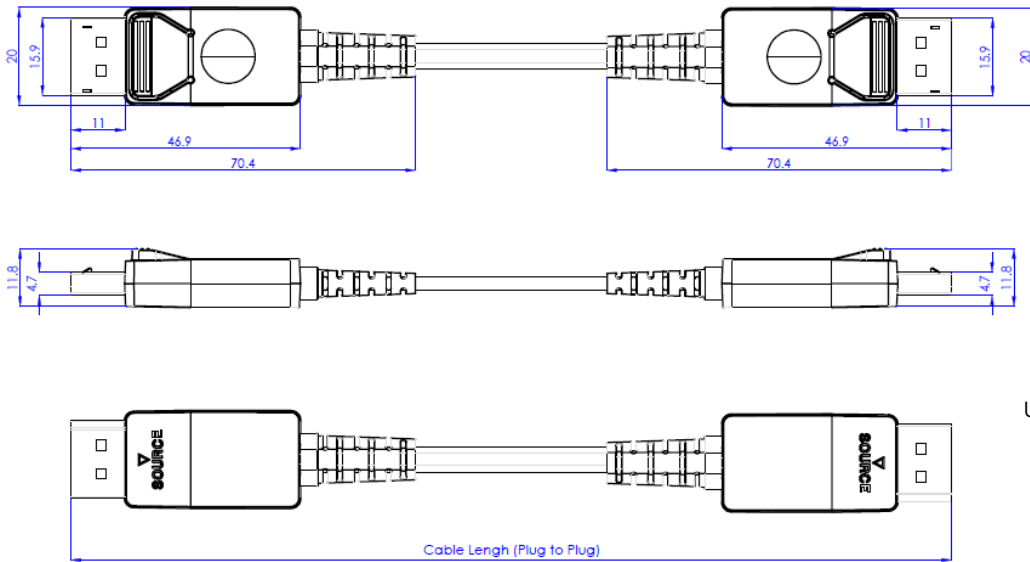
LBV-O1TD400001-yyy

└─> Length (yyy)  
010 : 10 m  
050 : 50 m  
100 : 100 m

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## Physical Dimension



## Specifications

Parameter	Value	Unit
Supported Resolution	4K : 3840 × 2160 @ 120 Hz 5K : 5120 × 2880 @ 60 Hz 8K : 7680×4320 @ 30 Hz (7680×4320 @ 60Hz DSC <sup>1</sup> )	
Data Rate (per lane)	Up to 8.1	Gbps
Operating Temperature	0 ~ 50	°C
Cable Type	Plenum (Fiber, Copper Hybrid)	
Cable Length	Up to 100 m	m
Cable Dimension	5.1 × 3.1	mm
Connector	DisplayPort 20-pin (Male)	
Pull Strength	200	N
Min. Bending Radius	50	mm
Power Consumption	51 ~ 100 m	660
	21 ~ 50 m	500
	< 20 m	330

Note : 1) DSC : Display Stream Compression

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