

Active Optical Cable

HDMI 2.0 Hybrid



Key Features

- HDMI2.0 standard, support up to 4K@60Hz UHD display
- Long distance transmission, over 100 meters
- Support HDCP2.2
- Not support Ethernet, but support ARC
- Plug and play without driver dependent
- Thinner, lighter and softer than conventional copper cable
- Highly resistant with EMI and RFI
- No external power needed

Applications

- Home theater
- High definition video meeting system
- Medical video system
- High definition video surveillance system
- Digital signage and TV Wall



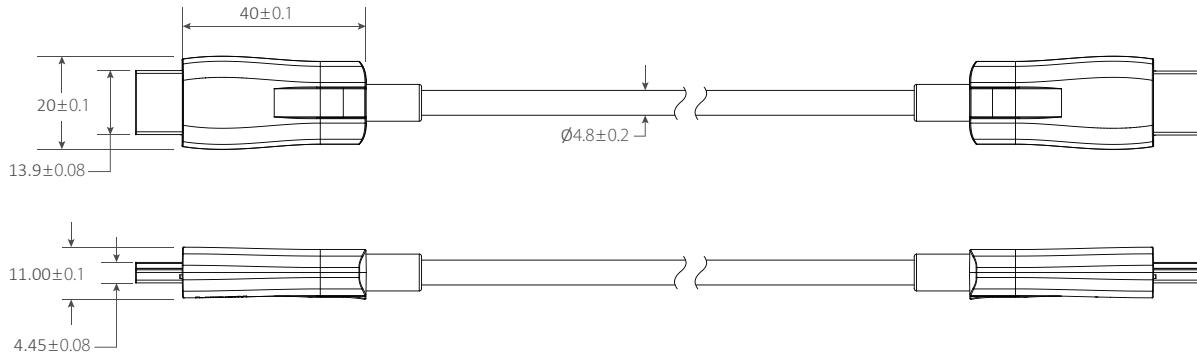
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A BizLink Group Company

Dimensions



Unit: mm

Absolute Maximum Ratings

	Min.	Max.
Storage Temperature	-20°C	+70°C
Operating Temperature	0	70%
Supply Voltage	0	5V

Key Characteristics

Connector Type	HDMI
Transmission Bandwidth	18Gbps
Resolution	720P,1080i,1080P 3D,4K @60Hz, 4:4:4
HDCP Version	HDCP2.2
Wire Specifications	Copper Wires/ Optical fiber : 50/125 um OM3/ Hybrid type with optical fiber and copper wire
LD/PIN	4CH 850nm VCSEL/PIN
Power	HDMI +5V (no need external power)
Power Consumption	≤0.5W
Transmission Length	Up to 100m
Flame Retardance (A Single Vertical)	Meet UL13 standards
Environmental Protection Requirements	Comply with RoHS directive
Stretch (Short-term) (N)	400
Stretch (Long-term) (N)	200
Squash(Short-term) (N/100mm)	600
Squash(Long-term) (N/100mm)	300
Minimum Bending Radius (Dynamic) (mm)	20D
Minimum Bending Radius (Static) (mm)	10D



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