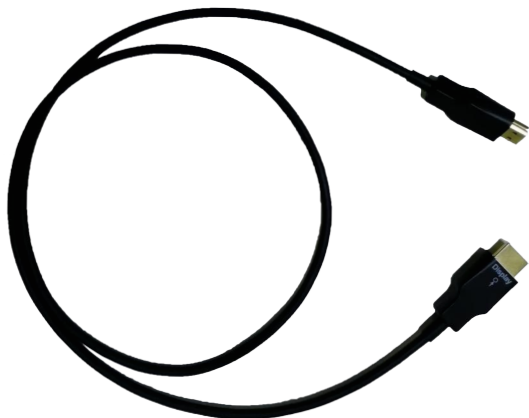


HDMI Active Optical Cable



OVERVIEW

Luxshare-TECH HDMI2.0b active optical cable assembly provides good performance and quality.

Luxshare-TECH AOC can support up to 4K video display, each lane operates 6Gbps, which the total bandwidth is 18Gbps. And all the design is based on the industry standard specifications, such as HDMI 2.0b.

FEATURES & BENEFITS

- ◆ Compliant to link with all HDMI A-Type connector devices
- ◆ Compliant with HDMI 2.0 version
- ◆ Pluggable and hot-swappable
- ◆ Data rate: 18Gbps (6Gbps per channel)
- ◆ Support 4K/2K / 3D / 1080p / 1080i / 720p format (HDMI 2.0 Support 4K2K 60Hz)
- ◆ Support HDCP / EDID / CEC / DDC / Audio
- ◆ ROHS Compliant
- ◆ No additional power requests

PRODUCT APPLICATIONS

DVR
Blu-Ray
Projector
Video games
Video surveillance
Face recognition system
Multimedia transmission
Computers/Mobile to Full HD Display

HDMI Active Optical Cable

TECHNICAL INFORMATION

MATERIAL

Nickel plated zinc die cast shells & latching
Mechanism parts
Thermoplastic cable pull tab
Optical plastic lens
Optical fibre cable

ELECTRICAL PERFORMANCE

Rated Voltage: 30V DC
Rated Current: 0.5A Per Contact
Data Rate: 18Gbps

SPECIFICATIONS

Compliant with HDMI Rev 2.0 Spec& IEC 60793-2-10
ROHS Compliant
ES-12-00-0033

MECHANICAL PERFORMANCE

Application: Indoor
Durability: Connector Insertion /Removal
cycles:10000 Times
Cable Bend Space: 30 mm
Color: Black

ENVIRONMENTAL

Storage Temperature Range: -40°C to +70°C
Working Environment Temperature Range: 0°C to +70°C

Partial PN Table

PN	Form Factor	Data Rate	Media	Distance①(m)	Wavelength(nm)	Voltage(V)	Temp
PA0HH2901-CS-R	HDMI2.0	18Gbps	MMF	30m	850nm	3.3	0/+70°C
PA0HH3601-CS-R	HDMI2.1	18Gbps	MMF	10m	850nm	3.3	0/+70°C
PA0HH3801-CS-R	HDMI2.1	18Gbps	MMF	20m	850nm	3.3	0/+70°C
PA0HH3901-CS-R	HDMI2.1	18Gbps	MMF	30m	850nm	3.3	0/+70°C
PA0HH3902-CS-R	HDMI2.1	18Gbps	MMF	40m	850nm	3.3	0/+70°C
PA0HH3903-CS-R	HDMI2.1	18Gbps	MMF	50m	850nm	3.3	0/+70°C
PA0HH3904-CS-R	HDMI2.1	18Gbps	MMF	60m	850nm	3.3	0/+70°C
PA0HH3905-CS-R	HDMI2.1	18Gbps	MMF	70m	850nm	3.3	0/+70°C
PA0HH3906-CS-R	HDMI2.1	18Gbps	MMF	80m	850nm	3.3	0/+70°C
PA0HH3907-CS-R	HDMI2.1	18Gbps	MMF	90m	850nm	3.3	0/+70°C
PA0HH3908-CS-R	HDMI2.1	18Gbps	MMF	100m	850nm	3.3	0/+70°C