KA141A HDMI HYBRID FIBER CABLE V2.0 30METER – KAMEHA

HDMI fiber cable provides the speed and bandwidth needed for the best picture quality for high definition video at high lengths; supporting the long distances required in commercial video solutions.

Features:

1. Arbitrary Transform Interface Type: Allow you to freely convert between Micro HDMI (Type-D) and Standard HDMI (Type-A).
2. Supporting 18Gbps and 4K@60Hz performance.
3. No extenders, baluns or amplifiers are needed and it is EMI free allowing them to be installed with multiple cable pulls, providing the flexibility for remote component locations.

KEY FEATURES

- Supports a wide range of resolutions up to 4K@60Hz (color space 4:4:4) 3D and Deep color.
- Supports Multi-channel audio, Dolby True HD, DTS-HD, DTS-HD Master Audio.
- Is HDMI compliant: EDID, CEC, HDCP (2.2), HDR (High Dynamic Range).
- Reduced EMI and RFI.
- Has high pilling strength and compression load.
- Has Source/Display clearly printed on the connector as well as tagged on the cable for easy identification.
- Support 18G super speed.
- Include a DC cable to optionally connect an external 5V power supply (if required, this is typically connected on the display side).

Absolute Maximum Rating

Parameter	Symbol	Min	Max	Unit
Power Supply Voltage	VCC	4.5	5.5	V
Operating Temperature	Top	0	50	˚C
Storage Temperature	Ts	-40	70	˚C
Relative Humidity	Hs	10	80	%RH

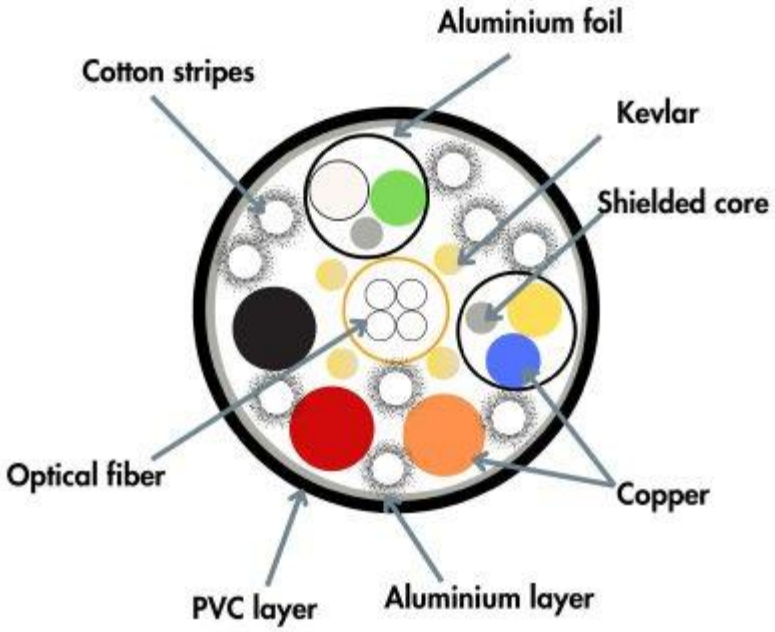
Recommended Operating Conditions

Parameter	Symbol	Min	Typical	Max	Unit
Power Supply Voltage	VCC	4.75	5.0	5.25	V
Operating Temperature	Top	0		50	˚C

Specifications:

Item	Description	
Units	Transmitter (Source)	Receiver (Display)
HDCP & DDC	HDCP2.2 Fully Support bi-directional EDID and HDCP communication	
Video Bandwidth	6 Gbps/x3Channel (max) + Clock.	
Supported Resolution & Distance	HDTV: 480p, 720p, 1080i and 1080p deep color, 4K@30Hz, 4K@60Hz (4:4:4), 3D Full HD 1920x1080, up to 100 meters.	
O/E Converter	4 Channel 850 nm VCSEL array	4 CH GaAs PD array
Connector Type	HDMI Type D with HDMI D/female to HDMI A/male adapter	
Connector Dimension	Type D: (W)44.2mm x (D)12.7mm x (H)7.1mm Type A: (W)48.2mm x (D)20mm x (H)10mm Pulling Tool: (W)55.2mm x (D)17.5mm x (H)13mm	
Cable Type	Hybrid type with OM3 fiber and copper wire	
Cable Length	30M	

Cable Structure



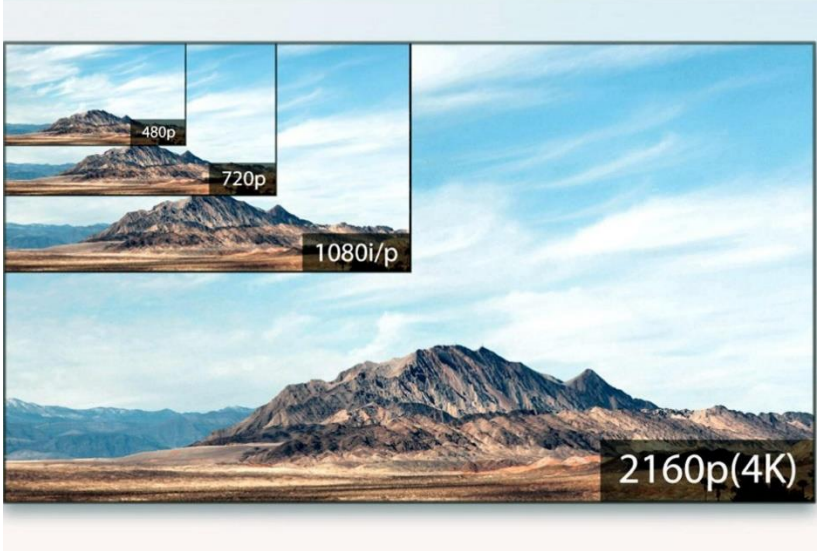
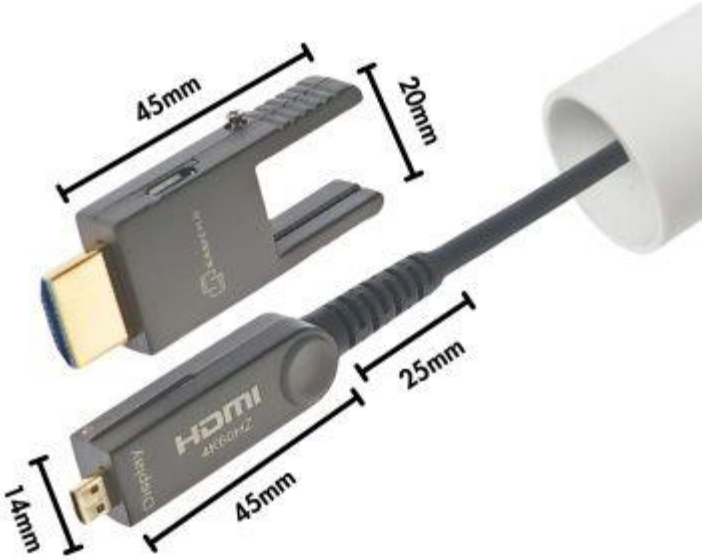
Solid Connection with Screws

Flexible

HDMI OPTICAL FIBER V2.0 CABLE
4K
ULTRA HD
Display
Source
4K ULTRA HD
2160P SUPER HD
18 Gbps
HDMI HDCP 2.2

Dynamic HDR Technology
Provide more dynamic range and restore more color detail
Dynamic HDR
No HDR

Stunning image detail and real life clarity with 4K Ultra HD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