

SUPERIOR QUALITY HDMI FIBER 4K CABLE

by **TEC**
CONTROL



4K ***SPEED*** 18 Gbps **HDMI**® 2.0
HIGH-DEFINITION MULTIMEDIA INTERFACE



3D

4K60p @ YUV 4:4:4

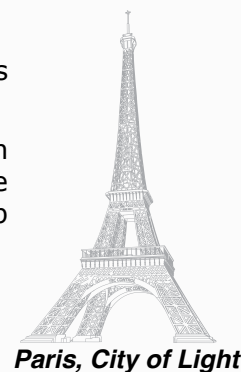


4K Optical Fiber cables for Home-Cinema

Innovative Performances

Located in Paris and managed by Jean Claude YOUNES, the French company T.E.C. was born in 1982, being the first company to import video projectors into the French Market.

Who else than a Parisian living in the City of Light could better understand that the high quality cables can only be obtained by using the fastest travelling existing particle: the light. Our HDMI Fiber 4K cables support the best quality signals defined in the HDMI 2.0b specifications to obtain the best quality picture ever.



Key Specifications

- One-way HDMI A male to HDMI A male cable
- Support 4K @ 60p, YUV 4:4:4.
- Baud rate up to 18 Gbps
- Extends 4k HDMI signals up to 100 meters
- Support HDCP 2.2 protection and EDID
- Plug-and-Play and auto-detection of HDR, ARC and CEC
- The cable is self-powered, without external power supply
- 150 Newton pulling force, 6 cm bending radius.

High-Speed optical cables

Thanks to the use of light, the video signal travels through the cable instantaneously. The available bandwidth of 18 Gbps allows for all the available formats defined in the HDMI 2.0b standard.



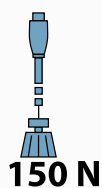
Highest quality Subsampling and Bandwidth per Color Depth

Signal	8 bit	10 bit	12 bit	16 bit
4K @ 24 Hz				
4K @ 25 Hz	4:4:4 - 8.91 Gbps	4:4:4 - 10.69 Gbps	4:4:4 - 12.47 Gbps	4:4:4 - 16.04 Gbps
4K @ 30 Hz				
4K @ 50 Hz	4:4:4 - 17.8 Gbps	4:2:2 - 14.25 Gbps	4:2:2 - 16.63 Gbps	4:2:0 - 16.04 Gbps
4K @ 60 Hz				

4K timings and require bandwidths according to HDMI 2.0b standard

A solid and flexible cable for an easier integration

Thanks to the use of high quality optical material, our cables can be safely pulled through electrical conduits with a 150 Newton force, additionally the bending radius of 6 cm greatly eases the passage of the cable, even in torn flexible conduits. The Customized cables can also be ordered with micro-HDMI (also called HDMI D) terminals reducing even further the section of the cable.



micro HDMI (D)

References

	Description
HF18005A	One-way HDMI A to HDMI A cable, length: 5 meters
HF18010A	One-way HDMI A to HDMI A cable, length: 10 meters
HF18015A	One-way HDMI A to HDMI A cable, length: 15 meters
HF18020A	One-way HDMI A to HDMI A cable, length: 20 meters
HF18030A	One-way HDMI A to HDMI A cable, length: 30 meters
HF18050A	One-way HDMI A to HDMI A cable, length: 50 meters
HF18100A	One-way HDMI A to HDMI A cable, length: 100 meters
HF18XXXA/D	Customized One-way HDMI cable, length up to 100 meters
HF18000R	HDMI 2.0 Repeater 4K



NB: Only the Customized One-way HDMI cables are available with micro-HDMI (HDMI D) terminals. They can be ordered in any lengths ranging from 5 up to 100 meters.