

ct•fiber optic hdmi

detachable connector

home • classroom • commercial

Celerity Technology - Long Distance HDMI

Celerity Fiber Optic HDMI cables are an easy-to-use, secure connection for home video distribution, conference room presentation systems, classroom projection systems, digital signage and wherever a high definition video display is located. Fiber optics provides the speed and bandwidth needed for the best picture quality for high definition video at lengths up to 1000 feet; supporting the long distances required in commercial video solutions. No extenders, baluns or amplifiers are needed and Celerity fiber optic cables are EMI free allowing them to be installed with multiple cable pulls, providing the flexibility for remote component locations. Supporting 4K@60Hz performance up to 1000 feet, Celerity cables are plenum rated and do not require time consuming fiber terminations.

The Celerity Technologies Detachable Fiber Optic HDMI system is designed to solve the installer's common problems with long distance HDMI and concealed installations in home and business.

Engineered for installers - 2 Steps to Fiber Optic HDMI

The Celerity Detachable Fiber Optic connector supports a thin, durable, plenum rated cable in multiple lengths up to 1000 feet. The fiber optics are pre-terminated with a miniature plug (9mm width) which supports fiber optic transfer to and from HDMI. The miniature plug eliminates the need for time-consuming fiber terminations and the need for costly fiber optic tools. The miniature fiber optic plug securely connects to the Celerity Detachable HDMI connector at the source and display components.

Specifications

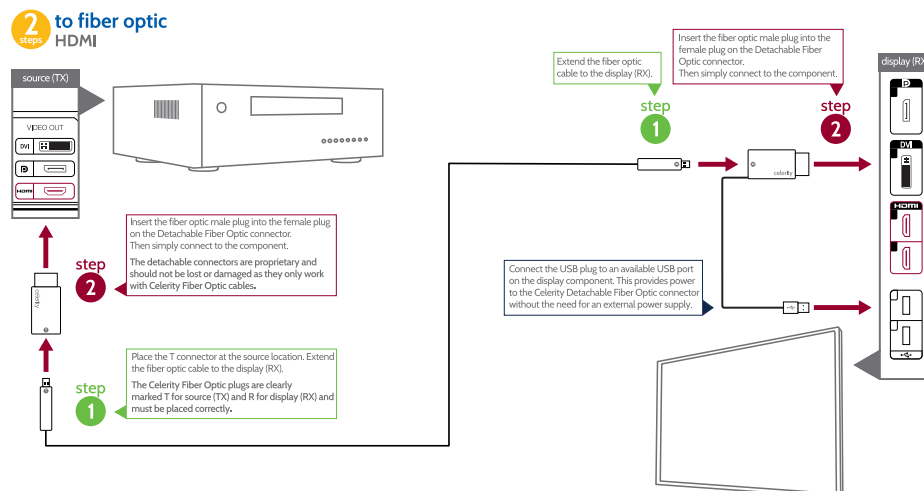
Supported distance	up to 1,000 feet
Data rate	18 Gbps
Supported resolutions	up to 4K@60Hz UltraHD, 4:4:4
Supported features	HDMI High Speed HDCP v2.2 EDID CEC Deep Color HDR
Audio Return Channel	Yes
Cable jacket	Plenum rated
Fiber optic cable pull strength	60 pounds

Available lengths

10.6m	35f	30.4m	100f
12.2m	40f	48.7m	160f
15.2m	50f	60.9m	200f
18.2m	60f	152.4m	500f
24.3m	80f	304.8m	1000f

Custom lengths

Available in 50' (15.2m) increments from 250' to 950' (76.2m to 290m)



Technical Note

Celerity Technologies' Fiber Optic Plug terminating each end of the Celerity Fiber Optic HDMI cable supports proprietary technology for HDMI over Celerity Fiber Optic cable. While the plug may appear similar to that of micro-HDMI or mini-USB, it does not support any technical attributes of either connector. The Celerity fiber optic plug supports only proprietary Celerity technology and is connected to the Celerity Fiber Optic HDMI connector according to the user guide.