

ct•fiber optic hdmi

detachable connector



Celerity Technology

Celerity Fiber Optic HDMI cables are an easy-to-use, plug and play connection between your Blu-ray, DVD, game console, computer, professional video and HDTV. Fiber optic provides the speed and bandwidth needed for the best picture quality for high definition video. Celerity works up to 1000 feet and supports 3D and 4K and Audio Return Channel (ARC). Your high definition connections are future-proof with Celerity. The Celerity Technologies Detachable Fiber Optic HDMI system is designed to solve the installer's common problems with long distance HDMI and concealed installations.

Engineered for installers

The Celerity Detachable Fiber Optic connector supports a thin, durable fiber optic cable in multiple lengths to 1000'. The fiber optics are pre-terminated with a miniature plug (9mm width) which supports fiber optic transfer to and from HDMI. The use of 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
Supported resolutions
Supported features

up to 1,000 feet
3D, 4K, 1080p, 720p, 480p
HDMI High Speed
HDCP EDID CEC
Deep Color

Audio Return Channel
LED status indicator

Yes
at TX & RX HDMI connectors;
powered LED verifies system connectivity

Power
Humidity
UL rating
Fiber optic cable pull strength
Fiber optic plug dimension
HDMI connector dimension

TX: DC5V 0.5W / RX: DC5V 0.5W
0% - 90% RH
UL-910 (OFNP) plenum rated
60 pounds
7 x 9 x 25 mm / .27" x .35" x .98"
8 x 20 x 28 mm / .31" x .78" x 1.10"

Available lengths

12.2m 40f
18.2m 60f
24.3m 80f
30.4m 100f
48.7m 160f
60.9m 200f
152.4m 500f
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 optical fiber. 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.