celeritytechnologies

FIBER OPTIC HDMI

DESIGNED TO SOLVE THE INSTALLER'S COMMON PROBLEMS WITH LONG DISTANCE HDMI & CONCEALED INSTALLATIONS

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 & from HDMI

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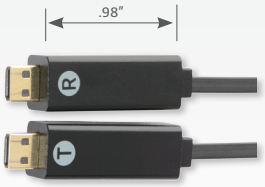
FIBER OPTIC HDMI

Reliable, time-saving design with no tedious fiber terminations & requires no costly fiber tools

Sleek cable and supports up tp 1,000' without loss of signal integrity and HDMI specification



Miniature plug protects the fiber optics & internal electronics and allows for a simple and secure connection

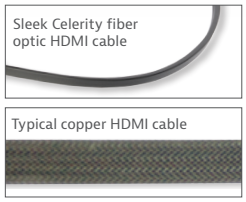
Detachable HDMI connector makes pre-wiring of the fiber optic cable as easy as plug and play

Detachable Fiber Optic HDMI Connector

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.



DFO-***P

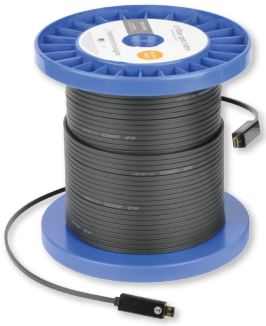
Features and Benefits

- Optimized for long distance transmission of HDMI® signals up to 1,000 feet
- Plenum-rated miniature fiber optic cable plug
- Fully supports HDMI video, audio and data
- Easy to prewire, no fiber terminations or costly fiber tools required
- Fast and reliable connection
- Detachable Fiber Optic HDMI connector
- First Audio Return Channel over fiber
- Superior bandwidth versus copper
- Eliminates need for send/receive baluns

Application:

- Works with all HDMI certified components
- Blu-ray, DVD, AVR, switchers, game consoles, computer, high definition TV
- Home theater
- Whole-home video system
- Conference room system
- Multi-display system
- Digital signage
- Video display wall

Eight standard lengths & custom lengths available in 50' (15.2m) increments from 250' to 950' (76.2m to 290m)



Tech Specs

PART NUMBER
DFO-***P (* = length)

SUPPORTED DISTANCE
Up to 1,000 feet

SUPPORTED RESOLUTIONS
3D, 4K, 1080p, 720p, 480p

SUPPORTED FEATURES
HDMI High Speed
HDCP EDID CEC
Deep Color

AUDIO RETURN CHANNEL
Yes

LED STATUS INDICATOR
At TX & RX HDMI connectors; powered LED verifies system connectivity

POWER
TX: DC5V 0.5W / RX: DC5V 0.5W

HUMIDITY
0% - 90% RH

UL RATING
OFNP

FIBER OPTIC PLUG DIMENSION
7 x 9 x 25 mm / .27" x .35" x .98"

HDMI CONNECTOR DIMENSION
8 x 20 x 28 mm / .31" x .78" x 1.10"

AVAILABLE LENGTHS

10.67m	35 ft.
12.2m	40 ft.
15m	50 ft.
18.2m	60 ft.
24.3m	80 ft.
30.4m	100 ft.
48.7m	160 ft.
60.9m	200 ft.
152.4m	500 ft.
304.8m	1000 ft.

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

FIBER OPTIC CABLE PULL STRENGTH
60 pounds

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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.

SPECIFICATIONS AND IMAGES SUBJECT TO CHANGE | L0045

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