

Fiber Optic Extender Solutions



Fiber optic cable is the most technically reliable and predictable transmission medium available for any AV application. Historical impressions of high prices and termination difficulties linger, but they are fading rapidly into the past. The fiber optic accessories supplied by RTcom allow for confident installation of displays at great distances from sources. HDMI with 1080p resolution can be extended more than a mile and a half, while DVI can be sent even further. This can now be accomplished with a price and installation time that competes favorably with traditional RGB or component installations.

Fiber cable can now be terminated reliably in less than one minute per connector, or pre-terminated cables can simply be purchased with connectors small enough to be pulled through standard conduits. RTcom's technology for handling HDCP and EDID information allows for error-free installation and performance at a budget that customers can easily justify.



DVI



HDMI

Fiber Optic Extenders

Product	Format	Bandwidth	Tx Distance	Input/Output	Fiber Type
HDMI					
OBHD-4C	Tx/RX Modules	225 MHz	1600 ft	HDMI/LC x 4	multi-mode
OBHD-2C	Tx/RX Modules	225 MHz	6500 ft	HDMI/LC x 2	multi-mode or single-mode
OBHD-1C	Tx/RX Modules	225 MHz	9800 ft	HDMI/SC x 1	single-mode
HDOC	Integrated Cable	225 MHz	325 ft	HDMI/HDMI	integrated
DVI					
OBCA-4C	Tx/RX Modules	225 MHz	1600 ft	DVI+TRS/LC x 4	multi-mode
OBCA-2C	Tx/RX Modules	225 MHz	6500 ft	DVI+TRS/LC x 2	multi-mode or single-mode
OBCA-1C	Tx/RX Modules	225 MHz	9800 ft	DVI+TRS/SC x 1	single-mode
OC	Integrated Cable	165 MHz	325 ft	DVI/DVI	integrated
OFC	Integrated Cable	165 MHz	1600 ft	DVI/DVI	integrated
OFCE	Integrated Cable	165 MHz	1600 ft	DVI/DVI	integrated
OLC-FX	Tx/Rx Modules	165 MHz	325 ft	DVI/LC x 4	multi-mode

HDMI Long Run - 1600 ft OBHD - 4C

4-strand multi-mode fiber optic tx/rx module pair supports HDMI 1080p, **hbr** Audio and DeepColor. HDCP is supported as is EDID management. 5v power at both ends

HDMI Longer Run - 6500 ft OBHD - 2C

2-strand fiber optic tx/rx module pair supports HDMI 1080p, **hbr** Audio and DeepColor. Auto-detects multi-mode **OR** single-mode fiber. HDCP is supported as is EDID management. 5v power at both ends.

HDMI Longest Run - 9800 ft OBHD - 1C

1-strand single-mode fiber optic tx/rx module pair supports HDMI 1080p, **hbr** Audio and DeepColor. A separate audio channel is provided as is RS-232. HDCP is supported as is EDID management. 5v power at both ends.

DVI Long Run - 1600 ft OBCA - 4C

4-strand multi-mode fiber optic tx/rx module pair supports DVI 1920*1200 resolution and adds a stereo audio channel. HDCP is supported as is EDID management. 5v power at both ends.

DVI Longer Run - 6500 ft OBCA - 2C

2-strand fiber optic tx/rx module pair supports DVI 1900*1200 resolution and adds a stereo audio channel. Auto-detects multi-mode **OR** single-mode fiber. HDCP is supported as is EDID management. 5v power at both ends.

DVI Longest Run - 9800 ft OBCA - 1C

1-strand single-mode fiber optic tx/rx module pair supports DVI 1920*1200 resolution. A separate audio channel is provided as is an RS-232 control channel. HDCP is supported as is EDID management. 5v power at both ends.

RTeom USA

286 Houses Corner Road • Sparta, NJ 07871