



Chromis HDMI Active Optical Cable

Chromis HDMI Active Optical Cable offers all the benefits of the active optical cables for HDMI 1.3 High Speed functionality, but without the high cost of glass fiber active active cables. It uses both high-speed plastic optical fiber and

copper wires to deliver 10.2 Gb/sec video bandwidth as well as all HDMI features, including 1080p resolution, 3D, Deep Color, x.v color (xvYCC), Dolby TrueHD, DTS-HD Master Audio, HDMI-CEC, and HDCP. Because all high-speed signals are carried on optical fibers, this cable is much smaller and lighter than comparable copper HDMI cables or extenders. At the same time, our proprietary plastic optical fiber technology costs a fraction of competing optical solutions. Chromis HDMI Active Optical Cables are the first product to bring the benefits of optical communications to a low-cost HDMI link.



Cutting-edge performance in a compact package

This exceptional active cable—functioning at distances of up to 20 meters—is remarkably compact and convenient. It uses a thin, flexible cable made from next generation plastic optical fibers and draws power entirely from the display screen's USB port, without the bulk and clutter of external power supplies. (In older model displays with no USB port, an external power supply may be used.) Designed with both commercial installation and videophile consumer use in mind, it's perfect for distributing A/V in conference room or classroom settings, yet affordable enough for consumers to use in home theaters.

Highly reliable in the most challenging environments

Chromis HDMI Active Optical Cables cable uses optical fiber communications and shielded end casings to provide immunity to electromagnetic and radio-frequency interference, so it can be reliably used in challenging environments such as hospitals, factories, and data centers. In a home theater installation, this optical cable reliably provides error-free transmission in even the most densely packed systems.

Product Specifications

Performance Characteristics	
Video Connectors	Male HDMI
Power Connector	USB Type A
Maximum Length	20 meters
HDMI Cable Type	High Speed HDMI
Total Power Consumption	1.8 W
Minimum Bend Radius	4 mm
Maximum Tensile Load	100 N (10 kg)
Environmental Performance	
Operating Temperature Range	0–50°C
Max. Operating Humidity	95%
Storage Temperature Range	-30 –+50°C