



What does an HDMI® cable do?

High Definition Multimedia Interface (HDMI®) cable carries high definition signals of both audio and video in one, easy-to-connect cable. A digital version of analog component video cable, HDMI vastly simplifies the connection process. HDMI® can have a great impact on picture and sound because it allows uncompressed signals and will not degrade, although long runs (over 40 feet) often require signal boosting from an HDMI® extender. HDMI® cable interfaces between any audio/video source with HDMI® including, set-top boxes, DVD players, game consoles, A/V receivers and digital televisions.

Does OSD Audio HDMI® cable support the latest video formats like 3D and 1440p?

Yes, both OSD Value and Premium versions of HDMI® cable offer High Speed with Ethernet. Both support 3D and 1440p.

What does “High Speed HDMI® Cable with Ethernet” mean?

High Speed with Ethernet tells you that you have the latest, most up-to-date cable available on the market. The term "with Ethernet" was added when testing specifications were released in November of 2009. The cable design added a fifth pair of twisted cables dedicated for two-way audio communications. It was supposed to allow internet connection with all your system components through the HDMI® cable, thus eliminating the need to connect all the components directly to a router with Cat 5 network cables. Instead, you would hard-wire only one component to the router and then let the HDMI® do all the internet connections with all other components. However, hardware manufacturers including the flat panel TVs, Blue Ray /DVD players and game unit companies have yet to offer this feature.

What does the speed rating of HDMI® cables actually measure?

The speed rating determines a cable's ability to transfer large amounts of data at certain pre-determined time intervals. This is measured in Gigabits per Second (Gbps). HDMI® High Speed cable with Ethernet has a rating of 10.2 Gbps.

How can I tell if the HDMI® cable is current in terms of data transmission speed?

For an HDMI® cable to be labeled “High Speed with Ethernet,” it has to test at a minimum 10.2 Gbps. The shorter the cable the higher the rate but 10.2 Gbps is currently the minimum that is needed to be labeled High Speed with Ethernet. OSD HDMI® cables are both HEC (Ethernet ready) and ARC (Audio Return Channel) ready.

What does the ARC rating mean?

ARC stands for Audio Return Channel and OSD Audio HDMI® cables are ARC compliant. If your HDTV has a built-in tuner, DVD player or other digital content source, an ARC input allows the TV to send audio data "upstream" to your A/V receiver without having to run a separate audio cable. Some A/V receivers have ARC inputs but not many HDTVs offer an ARC input. TV manufacturers are not quick to adopt new standards and features unless there's an overwhelming reason.

Can I run HDMI® cable outdoors?

OSD Audio HDMI® cables have jackets that are rated CL-3 and the barrel of the connector is plastic. If the equipment you are connecting will not be exposed directly to the elements, it should be fine. An RCA or F (coaxial) connection will actually have more exposed metal than HDMI because the metal connector of the HDMI®, when inserted into the TV input, has less exposure.

How long can I run the HDMI® cable before the signal degrades?

OSD Audio HDMI® cables use the latest technology in HDMI® and are tested at much higher speeds than required. Customers are frequently able to use longer lengths without the need of an extender; however, runs over 40 feet sometimes require an extender.

What is an HDMI® extender?

HDMI® is remarkably fast but it's not a long distance runner. Customers with runs over 40 feet often need to add an extender/repeater. There are different types of extenders but this stand-alone device regenerates the signal before it is output to a video source, thus allowing longer runs.

What is HDMI® to Mini HDMI® cable?

HDMI® to Mini HDMI® with Ethernet cables are typically used to connect portable devices such as high definition camcorders and digital cameras to HDTVs.



What is HDMI® to Micro D HDMI® cable?



High Speed HDMI® to Micro D HDMI Cable with Ethernet is used to connect select Smartphones, tablets and point-and-shoot digital cameras to High Definition displays.