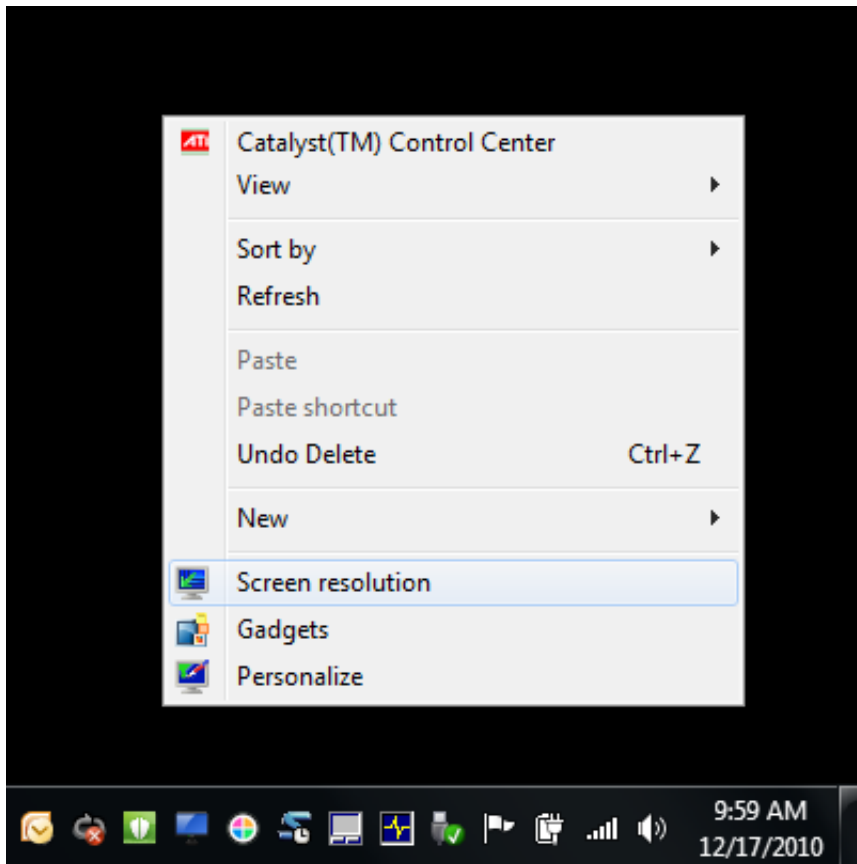




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"Speed Rated" HDMI Apart from two official speed ratings, "standard" (Category 1) and "high" (Category 2), as defined by HDMI Licensing, there are no other official speed rating standards for HDMI. At slow data speeds, it's not so hard to make a cable that performs acceptably But higher frequencies mean more of all of the things that degrade the signal -- there is more attenuation, more return loss, more rounding from cable capacitance, as frequencies increase. Everywhere one turns, there are all sorts of specification version numbers being tossed around, claims about HDMI cable "speed," and representations about support for 3D, 2K by 4K video, 1080p, Deep Color, and a host of other features. Weirdness in the WireSo, what happens to one of these little inches-long voltage pulses? It starts out at the source with nice, relatively sharp corners, with the voltage rising or falling rapidly and then leveling off.

There are five of these, only four of which are applicable to conventional HDMI cables (the last is for automotive use), and which cover the four possible answers to the two questions: standard speed or high? Ethernet or not? Now, the clever fellows who think up ways to sell cables are no doubt working out just how they're going to make new specious claims about HDMI cables without running afoul of the trademark licensing guidelines, and it will be interesting indeed to see what they come up with. However, if the cable does NOT deliver the signal in good condition, it is entirely possible that a better cable (which may or may not be more expensive) may fix the problem. Additionally, in response to the deceptive use of bogus vendor "speed ratings," HDMI Licensing has expressly prohibited the use of variants such as "Ultra High Speed" and the like, so that with any luck the only "speeds" being talked about soon will be Standard and High.

Two cables which appear to be of equal quality when evaluated at low data speeds may turn out to behave very differently at high data speeds. What does it all mean? Lies, Damned Lies, and Video Cable Let's start by observing that you can't believe everything you hear. If it says "Ultra High Speed," or something like that, step slowly (or at Ultra-High Speed, if you prefer) away. Confused about what AV Gear to buy or how to set it up? Join our Exclusive Audioholics E-Book Membership Program! Recent Forum Posts: Here is a company that is trying to rate and certify them.

All HDMI cables support Dolby TrueHD, et cetera, and since these audio formats have no impact upon the bitrate, no cable supports them any better than any other. There are five of these, only four of which are applicable to conventional HDMI cables (the last is for automotive use), and which cover the four possible answers to the two questions: standard speed or high? Ethernet or not? Now, the clever fellows who think up ways to sell cables are no doubt working out just how they're going to make new specious claims about HDMI cables without running afoul of the trademark licensing guidelines, and it will be interesting indeed to see what they come up with. Digital Is Digital Now, that point often gets made into something it is not. People will sometimes claim that cable quality does not matter. In fact, if you've spent any amount of time around home audio/video and home theater, you probably already know that the sale of audio and video cable is a field in which false and fanciful claims and exaggerations are the rule rather than the exception, and that if a sensational statement is contained on the retail packaging of a video cable, it's much more likely to be false than true. "Speed Rated" HDMI Apart from two official speed ratings, "standard" (Category 1) and "high" (Category 2), as defined by HDMI Licensing, there are no other official speed rating standards for HDMI.

What does it all mean? Lies, Damned Lies, and Video Cable Let's start by observing that you can't believe everything you hear. We recommend that you disregard these claims There are no objective engineering standards against which to test them, and none of the vendors who make these sorts of claims publish the criteria by which they have allegedly rated their own cables. At very low frequencies and bitrates, most of these effects are minimal Not only are effects like return loss liable to be smaller at lower frequencies, but the slowness of the data speed means there's more room for slop. At slow data speeds, it's not so hard to make a cable that performs acceptably But higher frequencies mean more of all of the things that degrade the signal -- there is more attenuation, more return loss, more rounding from cable capacitance, as frequencies increase. The "Category 1" and "Category 2" labels for these data-speed tests, not being descriptive, seem to have been a bit confusing for consumers, and accordingly, the HDMI Licensing organization has announced that they should be referred to as "Standard Speed" and "High Speed" instead. d70b09c2d4

<http://andismo.tk/opellav/100/1/index.html/>

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<http://nsermaizeslemul.ga/opellav75/100/1/index.html/>

<http://dyaririp.tk/opellav67/100/1/index.html/>