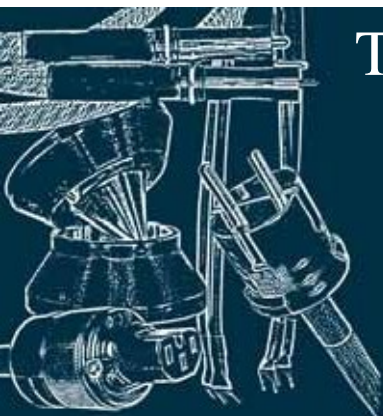


THE TRANSMISSION

DIGITAL INFORMATION



Ho già avuto modo di apprezzare in passato cavi usciti dalla ditta HiDiamond di Anzo, nota tra gli appassionati di HI-FI, fin dal lontanissimo 2000, per merito dei propri prodotti, realizzati con finiture e prestazioni di categoria superiore quale che sia il loro listino.

It happens that a trademark be well appreciated in all price categories with which is present on the market, yet the team composed of Salvatore Filippelli (for management and contact with the outside world) and Giuliano Pompili (technical part of the final product), represents the classic exception that proves the rule. The reasons are explained starting from early performance that, from the viewpoint of audio are well above par compared to the price of other brands (much more renowned and most publicized), not to mention the remarkable appearance, ending with an assemblage above suspicion. Just to give a practical example on performance and quality of these cables, it is difficult to find any package production factory, which since the lower end of their price, has aboard a Copper based conductors at a minimum twice annealed (someone has the courage to make bombastic assertions based on common quality OFC copper also exploited in common consumer cable bench). This technology is called VRC, capable of ensuring an homogenisation of grain constituting sufficient to allow a speed of migration of progressively more and more high and a capacitive component increasingly low, relies on the effects of thermal treatments that are carried out on construction materials. These are made to move in stages in the form of fiber, through an oven at a temperature calibrated of course to melt, but not to alter the spatial arrangement of the crystal lattice. As you would expect, you get a gradual refining every cycle which is our little wire and procures a preferential growing along its longitudinal axis.



Digital Fiber +

Most cycles they mean higher quality material and therefore, as mentioned above, each time a travel facilitated the flow of charges.

In this test we were offered two types of digital cables are different from each other, i.e. a 1.4 HDMI cable and an optical digital cable. Never as in this case, thus fitting the definition was "down under". The HDMI cable is Deputy to transmit both data streams within the audio within the video, classical way, namely through purely electrical interactions. The toslink cable (this definition you must to Toshiba, creator of first transmission protocol and is actually a contraction of Toshiba-Link), as she leaves to guess its definition, sends a digital signal converted to monochrome pulses of light through a medium in this case. Mistakenly we tend to assume that the emitter in question is a laser when it comes to a simple led. We consider that there are three types of permeable to light, usually used for toslink: the first uses plastic fibre (which is cheaper); the quartz glass fiber

end totally made of fibre multi or single glass filament high deformability. The HiDiamond allegedly made use of glass fibre with high quality, probably mono filament. Fiberglass where both good purity guarantee, when both flanked by endings (called lenses) of high quality, and high surface finish (the quality of the lens port terminal plug, made of metal, would predict anything), a wider bandwidth. So the overall message tends to include digital transmission errors and even large amounts of jitter. Analyzing the HDMI (High Definition Multimedia Interface), we think about all the problems they should submit the digital audio cables for use and multiply by n-conductor (for a 1.4 cable High Speed generally have 4 arrangements by conductor shielded pair + a couple single mass;; 5 individual conductors; filling typically dielectric; General screen conductive socksthe insulating jacket and any other additional security layers). We also give some numbers to clarify what I'm saying, talk about a data rate of 4.95 Gbps and

a bandwidth of 166 MHz already scares, think upgrading to which complies with this cable (1.4 update of the standard), 10.2

Gb/s bandwidth and increased to 340 MHz, support for Lossless multichannel signal with 192 KHz (max 8 ca-nali) 768 KHz and two channels, plus we could add an ethernet transmission! And so back to potentially sore of note connection electric digital itself: but how can you be a debate about how absolutely detrimental interference due to electric and magnetic fields, radiofrequency, signal in an spdif cable for a mere electric cable destined to carry only two channels, when a traveling so many HDMI cables and where to come must be ensured the accuracy of high definition video signals together with 8-channel lossless more signs of more various genres of! A madness that you can at least perform at a technical level. La casa di Anzio we tried and compared to the competition, boasts a highly respected certification (ATC TESTING HDMI 1.4), and more importantly the recognition and the unanimous consensus from the Community Home Theatre the most evolved species. The base, represented by the conductor, is based on copper 4VRC (annealed 4 times), real visiting card of the producer, the fact is that the cable is very well-finished, accommodation in terminals are taken both of my video switcher that directly into my Denon Blu Ray HTPC and the main listening room, without having any game.



HDMI 1.4 Black Diamond High Speed

The outer sock, which plays a key role in protecting the crazy architecture dictated by optimizing sets from standard, is precious. Total beauty and build quality rivals without theme denial, with my cables chosen in top of range of Audioquest, Wireworld and Monster Cable.

Listening :

First of all I would like to stress that I am not in possession of a digital medium audiophile evolved, able to discern me so effectively critique the quality audio cable Black Silver. The reason is that my fido Denon blu ray is assisted in extracting streams from a lossless multi-channel Audio pre Cary, but alas just downstream of great D/A conversion, which takes place on Board of the reader

same. So the only series of tests carried out on video was not of great interest (in forumiano it seems abundantly O.T., i.e. out of order that will be our magazine, devoted to audio), for our readers. Two little words the spend to fa-vore HDMI test since my HT system, where a discreet projector JVC D-ila RS-50, to whom I entrusted to see a rendition definitely worthy, no trace of drop off and sparkling, and an excellent contrast. The dynamics of the picture even with particularly complicated movements, was very good, with no obvious sunburns or model of scenes in the presence of low lights. Let us instead to bomb to test purely in theme with the aim of sound Fidelity, namely cable



fiber optic + Fiber. It is obviously difficult, if not patently useless talk about breaking the transmission of photons, so we immediately to provide audio.

With the help of the Burmester "Test CD II" open session: Let's start with this amazing CD to see that air pulls and the level on which you can set the content of the test itself. This level is now far from what the incredible price below the one hundred euro might suggest. The sound quality is well defined as open and clear, the soundstage appears credible, sufficiently deep and wide. The protagonist, Paco De Lucia, that both the phantasmagorical Fender Stratocaster by Steve Ray Vaughan, it is always placed in a certain town from the song in context as a whole. The focus is still safe and well although not "razor sharp" as a reference. The thing that strikes particularly remarkable is the beauty of the middle range that appears in various levels above the placement price of Fiber plus. The bandwidth is lower, higher and somewhat more blunt is amber, but what is not so obvious as one would expect and see that this has been achieved without affecting the consistency of tone, is frankly amazing. Another example is the organ track, do not have a Cathedral where the reverberations die-tro along even if you look at the automatic search of a visual confirmation in such depth, however good descent There is, as there is the constancy and perseverance of nuance from large environments. The barrels are not there to sbuffarci in the face, but almost, as well as the size setting

parts of the sound. The orchestral songs give a holography. Although rather resized, well-made, though the plan is filed around the components most acute and serious, there is still air between sections and a more than adequate amount of detail. The description of the environment of the representation is sufficient and even the height of the sound stage looks correct, unfortunately without the grandeur that should have as a reference. The most sensitive tools there are, and are not totally erased denoting a certain what transparency. Pink Floyd "The Wall" (EMI Records, CD): the previous statement returns even more obvious with this recording, which has become a cult object, not only for fans of the famous British band, but for audiophiles all, given the impressive series of parameters that can be obtained to support a critical test. First of all, the dynamics and the punch that there are important bits of digital media are both well preserved, are both more than enough, if not good. Sure it lacks a low thrust and articulation of live camera scenes, which so impressed the critics appalled by psychedelia of rock evolved in the 1970s; However, the detail is good and the texture appears not so coarse as you'd expect from a price so low. The flow of sound so characteristic is never fail and the liquidity of the sound is very good message. Tools in the game are credible, have their OWN peculiarities in toto obviously always under fading outs due to reference above. I understand to repeat frequently, but from good guitarist, cannot fail to mention the sound of David Gilmour, point to fair point and

much Fender with this cable, intense and full, without being any dried or depleted. The entries are sufficiently well focused, tune and maintain their own characteristics with consistency and diligence throughout the double CD. Also the vocals are more than beautiful and righteous enough to enjoy.

CONCLUSIONI

At first glance any customer would not be able to tell if the HDMI cable is the flagship range of any brand at a planetary level, and this says a lot at work spent in research, if nothing else, from a design point of view.

As regards the toslink I say that if it weren't for the metal brackets to the fibers you could swap for a mass product, which we have proven not to be true given the excellent performance with mechanical torque converter/Meridian/April Music used for listening. I went to inspect the subtle performance, clearly it is difficult to make a comparison with the cable coaxial spdif Digital III, Furutech Reference that normally use as a reference in these cases. In short it really is amazing when you look at the price that the gap with a long comparison is all in all mode-firearm, tight, especially when browsing the catalogues of competition and you are looking for glass optical fibers, pure and hybrid not: not infrequently are conductors in plastic materials at a price three times! Apart from what has been said previously the Fiber + works fine, fine work by offering performance compared to science fiction.

What add more?!

INFORMAZIONI

HDMI 1.4 BLACK DIAMOND HIGH SPEED

Tipo: cavo HDMI
Capacità Massima: 49 pF/Km
Resistenza Conduttore: 95 Ohm/Km
Tipo di Conduttori: rame 4VRC
Connettori: Tipo HDMI metallic shield con conduttore dorato
Lunghezza: 1 m
Diametro Esterno: 7 mm
Finiture disponibili: Calza sintetica nera con finiture a spirale silver
Prezzo IVA inclusa: euro 55,00

CAVO DIGITALE OTTICO DIGITAL FIBER +

Tipo: Cavo digitale ottico
Tipo di Conduttori: Fibre di vetro pure
Connettori: Tipo Toslink Fiber classico full size
Lunghezza: 1 m
Diametro Esterno: 4 mm
Finiture disponibili: Guaina plastica nera
Prezzo IVA inclusa: euro 45,00
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