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mit 3D Polarisation

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**BEST BUY**  
Oehlbach Matrix Evolution

# Oehlbach® Matrix Evolution The better connection

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## The Matrix Evolution HDMI cable from Oehlbach: the better connection

Our test room was recently the setting for yet another projector test. It was quickly mounted on our rack on the back wall and connected via a 10 metre HDMI cable - we then loaded the film and sat back to enjoy it. Stop! This projector seemed to respond extremely critically to the connection to our player. When watching the film we experienced two dropouts in image transfer that lasted for a few seconds, which was really annoyingly - but was this down to the cable?

To check this we decided to replace the cable. The second cable, which isn't cheap by any means, produced an effect that was even worse to some extent! No image and snow on the screen! This was only remedied by switching the AV receiver that is wired between the player and projector off and on again to enable the components to re-establish a connection. One thing that quickly became clear was that the tested projector was extremely critical of long cable lengths, as these dropouts occurred less frequently with a 5 metre HDMI connection.

Another cable was needed! We took a look at connection specialists Oehlbach and came across the new Matrix Evolution series, which is their 4-star high speed HDMI cable with Ethernet. Generally speaking, Oehlbach provides its high quality cables with a 3, 4 or 5-star rating to enable customers to choose the correct connection for their requirements. The 3-star category represents excellent value for money and incorporates 24-carat gold-plated connectors, oxygen-free copper conductors and a high quality shielding element. The 4-star category goes a step further and usually features silver-plated inner conductors, exquisite oxygen-free copper shielding elements and the use of strictly controlled components. This can only be topped by Oehlbach's high-end, top-of-the-range 5-star category.

For our practical test we didn't want to stop at 10 metres but went for the full 12 metre version instead - which represents a real challenge for the critical projector. The Matrix Evolution was utterly compelling at first glance thanks to its optimised sturdy gold-plated connectors, which guarantee a firm connection and reliable signal transfer. Furthermore, it also features an additional data channel for transferring Internet signals between compatible components. The conductor has been manufactured from silver-plated copper with a triple shielding element. Oehlbach also guarantees high-speed transfer for cable lengths of up to 20 metres. Naturally it supports all current standards up to a resolution of 4k at 60 Hz. The Matrix Evolution is available in various lengths ranging from 75 centimetres to 20 metres. Even though the cable is relatively thick due to its multiple shielding and high quality sheathing, it is still very flexible and easy to lay.

Once connected to the AV receiver our film appeared promptly on the screen. We watched the now classic Avatar in 3D and waited anxiously for the first dropout - ultimately our 12 metre cable is 20% longer than required so it was expected. But it didn't happen! The film was displayed as it should be in perfect quality. We had to test this further. We used the projector on average at least five hours every day for a week - in some cases even longer. And we didn't experience a single dropout - perfect. This proves that although many devices will correct an error if the signal isn't flawless during digital transfer, they will eventually be pushed to their limit - just like our projector. When it comes to image transfer the thin signal conductor and inferior shielding components used by cheaper cables becomes particularly noticeable, as the TV or projector can no longer come to the rescue. The longer the cable, the more frequent the dropouts - but this isn't the case with Oehlbach's Matrix Evolution!

The Matrix Evolution is not only thoroughly compelling thanks to its high quality workmanship, but it also features sturdy, gold-plated connectors and ensures excellent transmission reliability over longer stretches. This is an investment that is definitely worth it - as it turns film nights into a relaxing, enjoyable experience. Our test room will no longer be without the Matrix Evolution!