

WELCOME TO
NO COMPROMISE.

Rosenberger OSI Infoservice | Edition 03/2010 16/12/2010



Dear Mr. Prof. Dr. Mang,

Autumn was stormy, and Winter is already providing spectacular images. Our business environment was also vivid, and we have a lot to report.

We are delighted with your loyalty to our company and the constantly growing interest in our products and services – thank you!

We wish you and your family a wonderful Christmas time, and look forward to a mutually successful 2011!

Kind regards,

Thomas Schmidt
Managing Director
Rosenberger OSI

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COMPANY WORLD

The current economic situation

The current economic situation speaks for itself, and the industry is looking forward to a very positive year 2011.

Rosenberger OSI is also looking forward to the challenges of the New Year, and setting ourselves new targets. As a result of the boom, we have extended the capacity of our production facility in Hungary. Thanks to new production lines as well as a new, modern high-bay warehouse, a **100% rise in production capacity is achieved for patch cable**. In turn, these large quantities allow attractive basic conditions for OSI customers, like for example high availabilities.

Organisation and efficiency are the essential requirements of a modern data centre. Thanks to its experts, Rosenberger OSI has a deep insight into existing data centres, and is also frequently a popular partner in the planning phase of new constructions.

→ [Read more](#)



PRODUCT WORLD

New ways to reach high speeds

New technologies are about to be introduced, and so the time is right to think about the mid-term planning of your data centre activities.

In the current version of the standard EN 50173-1:2007/FprAB: 2010, the future technologies 8 and 16 GBit Fiber Channel, as well as the parallel optic data transmission 40/100 GBE are summarized with regard to their loss budget and transfer distances for OM3 and OM4 infrastructures (see [table](#)).

With the 8 GBit Fiber Channel, the standardised transfer distance in OM3 networks is reduced to 150m! With the OM 4 fibre, a good 25% of additional transmission link length can be gained. In any case, this is only one aspect – the development on the protocol levels challenges the existing passive infrastructures not only with regards to the length, but also generally in the question of the network design.

It is therefore worthwhile to look into these details carefully – we will be glad to support you with our technical expertise.

Dr. Gerald Berg

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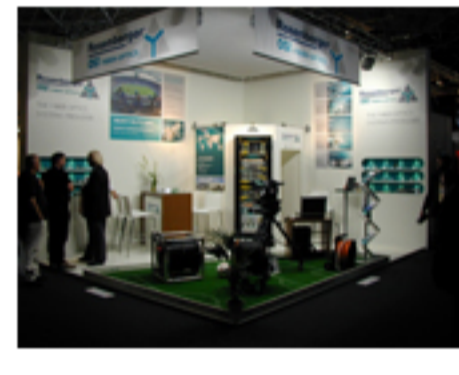
COMPANY WORLD

Rosenberger OSI present right across the board again

Partnership means being there where you are needed. We place considerable value on customer relationships based on partnerships, which are successful in the long-term perspective. In the past months, we were again pleased to be present for you at European-wide events.

Whether at technical trade fairs associated with data centres, for example Datacenter Dynamics or building cabling (LANLine Events), large broadcast trade fairs (IBC), or our technical meeting "OSI FORUM". Thanks to the many varied events, we are in direct contact with our customers continuously. Through this, we ensure the effective exchange of information, which allows mutually beneficial uses. Market needs and visions of the future are discussed and adapted to meet our strategy.

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PRODUCT WORLD

Small attenuation – large effect! IL max. 0.15 dB

Through the use of von high-grade precision ferrules and by permanent optimization of our assembling and polishing processes, we have been able to reduce the Insertion Loss IL of our multimode 50/125 µm LC and MU connectors by its half, from so far max. 0.3 dB to new max. 0.15 dB (acc. to IEC 61300-3-4, method B, against reference!)

Our Low Insertion Loss LoIL 50 µm LC and MU connectors present typical attenuation values of merely 0.07 dB under random mated on-site conditions acc. to IEC 61300-3-34. A figure with which you can do the planning of your OM2, OM3 and OM4 fiber links in the future even more efficient.

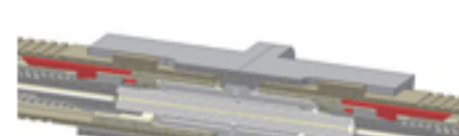
This is particularly important to counter the ongoing reduction of the loss budgets of rapidly speed increasing 850nm multimode fiber optic transmission protocols (SX,SR,SW).

As a positive side-effect of the IL optimization we could increase the Return Loss RL significantly to min. 35 dB.

Both improvements enabling you to build standard compliant structured cabling links, with a couple of connections, furthermore – even for the coming 40 and 100 Gigabit Ethernet, as well as the 8 and 16 Gigabit Fibre Channel applications with their very low power budgets.

And as our up-front X-Mas present for you, you get these features for free already since September 2010 as standard in our PreCONNECT® 50 µm OM2, OM3, OM4 products!

Harald Jungbäck



PARTNER WORLD

Our new consultant for the Netherlands and Belgium

"My name is Ab Vingerling and I'm a consultant at Rosenberger OSI since last November, looking after the Benelux and UK regions. I have a strong background in Cabling Management in the EMEA region – with over 20 years of experience, particularly in Co-Location Datacenter, Enterprise Datacenters and Telecommunication. More recently I have also taken an interest and gained significant experience in Fiber Optic solutions in the Broadcast Industry."

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COMPANY WORLD

A good example: OSI Promotion of Young Talent continuing on a high level

"Each year at least three new trainees start in our company, in business and technical training programs," reports Ms Brigitte Heigel, member of managing board and head of training at Rosenberger OSI. "In figures, that means that we reach a consistent trainee ratio of 10%, and with that clearly exceed the average quota in the electrical engineering branch (5.6%)," she further explained. "With this commitment, we commit to our social responsibility and offer junior staff from Augsburg a forward-looking and instructive training program" she finished.

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