

APPLICATION NOTES

FIBRE Extender



kvm-tec Fibre - flexible like a module

Fibre devices come with a multimode module as standard, for a range of 500m. If necessary, a single-mode SFP module can be used for distances up to 20km. (optional)

The kvm-tec Extender that can do it all over huge distances

kvm-tec Fibre enjoys being single

Using bidirectional SFP modules, everything can be transferred with a single fibre line. This saves a lot of money in the case of long lines, in addition, often only a certain limited number of lines are preinstalled.

kvm-tec Fibre copes with high noise levels

Especially in industry, it is time and again the case that high noise levels influence transmission quality. The MVX1F is the master among extenders – completely impervious during transmission and fully lossless.

kvm-tec Fibre loves strong motors and rolling mills

Even in the presence of strong motors and rolling mills the MVX1F cannot be interrupted, and can also achieve uninterrupted transmission with the DVI extension.

kvm-tec Fibre resists wiretapping

With its fibre technology, the MVX1F is the ideal solution in sensitive areas, which must be protected from wiretapping. The product offers maximum security against wiretapping.



kvm-tec Fibre likes great distances and tunnels

The MVX1F bridges great distances up to 20km with a resolution of 1920x1200, making it ideal for tunnelling and wherever there are great distances between the remote and local parts.

kvm-tec Fibre has a preference for mix and switch

The combination of MVX1 Copper and MVX1 Fibre is unique. Imagine you have outdoor workstations in a refinery and are using the kvm-tec Switching System, and have a requirement for 10 PC workstations. Now you can create any combination you desire – e.g. 2 workstations with PC and MVX in copper. All PC workstations further away can be decoupled via SFP modules and therefore installed in device type MVX1F.



kvm-tec Fibre brings fibre optics into the medical field

In the operating theatre, there is a swivel arm with a monitor or camera – a CAT cable cannot be threaded into this, but thin fibre optic cables work well.

Insulation requirements in the medical field can be better fulfilled by fibre optics. Approved for medical use due to the special power supply suitable

for medical technology, for copper there is also an insulation module (insulation resistance of over 4000 volts is required) between the device and the power supply.