

Krone consigns broken fibres to history

Submitted by: Turtle Consulting Group

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Research by a major public network operator has shown that when new fibre cables are introduced into existing operational patch panels there is a massive 50% probability that the disturbance will cause an existing live fibre to break. In some cases this could disrupt £millions of business.

Worse still, according to the operational data collected, when the technician then attempts to repair the broken fibre there is a further 50% chance that another live fibre will also be broken.

An innovative patch panel solution from KRONE means that existing live fibres need not be disturbed at all when new fibre cables are introduced. Solving the problem at a stroke.

The ingenious approach is to split each 1U patch panel into two independent 0.5U trays, whilst still maintaining the highest possible packing density of 48 ports per U (LC and MT-RJ) and 24 ports SC duplex. - Krone's Fibre Split-Patch panel.

On the initial installation only one tray is cabled and terminated, leaving the other half spare for later expansion capacity. When additional fibre cables need to be terminated, the second 24 port slide-out tray can be worked on without any movement or disturbance on the live tray. Completely removing the chance of live fibre breakages.

Already being installed in the City of London financial services sector, the new Fibre Split Patch Panel is already avoiding breakages that used to cost £millions in lost trading.

Built to Krone's exceptionally high quality standards, the steel unit contains outstanding cable and fibre storage and management - essential to controlling bend radii and avoiding fibre breakages - for both pulled fibre cables and blown fibre tubes.

If required the two 24 port 0.5U trays can be fitted with different fibre adaptors. It is even possible to use one tray for external single-mode cables and the other for internal multi-mode.

As a further safety and security measure, each tray is fitted with internal covers that ensure that technicians working on the adaptor area cannot accidentally access the splice/storage compartment.

For more information contact@krone.co.uk or 01242 264444.

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