

# Krone forecasts upsurge in LC fibre connector

Submitted by: Turtle Consulting Group

Thursday, 25 March 2004

---

As 10 Gigabit/s Ethernet over OM3 multi-mode fibre starts to take a serious grip on the backbone and campus market, Krone is forecasting an industry-wide move towards the LC small form factor connector.

OM3 grade multimode fibre is rapidly becoming the fibre of choice for both backbone and campus applications because not only of its high modal bandwidth which permits 10 Gigabit/s link lengths of 300 metres or more, and Gigabit Ethernet links to 500 metres but also because it has been developed to be driven by VCSELs (Vertical Cavity Surface Emitting Lasers) which are orders of magnitude cheaper than the conventional lasers that were previously needed to achieve higher data rates.

Krone reports that it is now shipping more OM3 grade fibre than any other type. Although Krone supports and provides all connector types on the range of patch panels, patchcords and pigtails that accompany its OM3 fibre portfolio, it has become evident, from the company's OEM work with designers and manufacturers of the optical modules used in active equipment, that the LC small form factor connector is becoming the connector of choice for a majority of active equipment manufacturers.

"The trend amongst switch and router manufacturers," says Krone fibre product manager Alastair Waite, "is strongly towards incorporation of the LC connector which gives a port packing density twice that of most other fibre connectors. LC is also now field proven to have a very high reliability and a low insertion loss which is stable over extended periods."

For more information on 10Gigabit/s, OM3 fibre or the LC connector [contact@krone.co.uk](mailto:contact@krone.co.uk) or 01242 264444

- ends -

[264 words]