Case Study

Problem

To repair broken legacy fibre optic connectors after carriages have been parted.

Solution

Onsite assessment of internal and external fibre optics in each of the carriages; Reverse engineered and manufactured all obsolescent fibre optic connector parts;

Designed all repair procedures to onsite regulations, including termination kit.

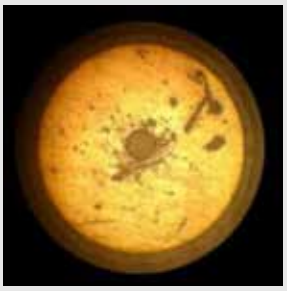
Over several months Alker has performed onsite visits to conduct emergency repairs of the fibre optic connectors within the train carriages.

Alker has also refurbished the fibre optic. link leads which connect two carriages.

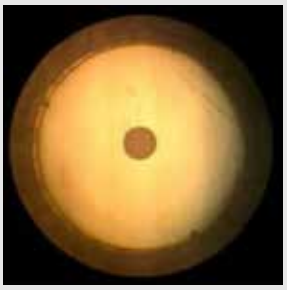
Features

- Dramatic reduction of the need for new leads, saving both costs and delivery times
- Reduced stock, Alker could hold replacement refurbished leads in house for next day delivery
- The near elimination of fibre optic loom replacement saving labour and cost of the loom
- Improved reliability for each carriage, and in turn, each complete train
- Increased transmission performance for each of the trains in service
- The Lifetime of the equipment will be extended as per the upgrade requirements.

Before



After



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