



80% Of All Fibre Network Failures Are Caused By Dirt

Fibre endface contamination is *the No.1 cause of problems* within optical Networks. A single particle mated into the core of a fibre can cause significant back reflection, insertion loss and even equipment damage.

The Solution?

Proactive inspection of fibre endfaces using the Westover FBP-P5000 digital probe offers many benefits including:

- Reduced network downtime
- Reduced costly troubleshooting
- Optimised signal performance
- Prevented network damage



Fibre inspection and cleaning are SIMPLE steps with IMMENSE benefits.

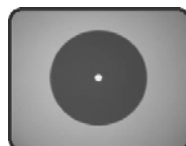
- Step 1. **Inspect** using the Westover FBP-P5000 digital inspection probe. If the fibre endface is dirty continue to Step 2. If it is clean continue directly to Step 4.
- Step 2. **Clean** the fibre endface using a suitable tool such as a reel cleaner.
- Step 3. **Inspect** again. If the fibre is still dirty return to Step 2. If it is clean, continue to Step 4.
- Step 4. **Install** the connector.

Inspecting both sides (patchcord and bulkhead) of the connection is the only way to ensure that it will be free of contamination and defects.

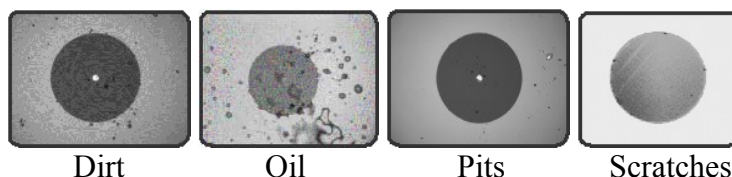


The Westover FBP-P5000 allows easy inspection of fibre endfaces both on patch cables and within bulkheads and operates via a single USB cable to a laptop or PC. The supplied FiberChek2 software allows the safe inspection and analysis of the endface with no risk of laser eye damage that is often associated with regular handheld microscopes.

A fibre should be free from any contamination or defects as shown below:



Common types of contamination and defects as seen with the FBP-P5000 are:



Dirt

Oil

Pits

Scratches

“INSPECT BEFORE YOU CONNECT”