

IMPORTANCE OF HAVING A VFL

A Visual Fault Locator (VFL) is a battery operated, multipurpose handheld visible laser



SETTINGS FOR THE VFL LASERS:

CW = Continuous Wave for a continuous light

Pulse = Intermittent on/off for a flashing light



VFL SAFETY TIPS:

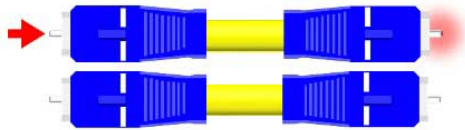
Avoid looking directly at the laser



Remove the batteries when the VFL is in storage to prevent battery leaks

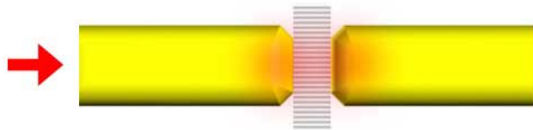
WHAT CAN THE VFL BE USED FOR?

- 1 Use it to check the **polarity** of a connector assembly



An essential tool when using polarity dependent assemblies.

- 3 Find the **microbend** points that are causing loss



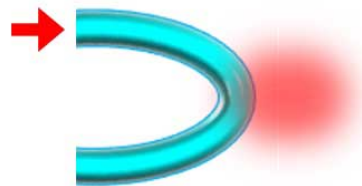
Microbending is a pinching of the fiber that causes the light to escape the core.

To correct, straighten out, loosen up or replace the cause of the **microbend**.

- 2 Use to quickly check light **continuity** and locate broken fibers



- 4 Find the **macro bend** points that are causing loss



Macrobending happens when the fiber exceeds the bend radius.

To correct, straighten out, or loosen up the fiber to relieve the stress.

- 5 Use it to check for **cross connections**



Gently bend the fiber to see the light on both sides of the connection point such as splices, or connectors.